RCRAInfo Help and Guidance

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INTRODUCTION

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The RCRAInfo system enables cradle-to-grave waste tracking of many types of information regarding the regulated universe of RCRA hazardous waste handlers. RCRAInfo characterizes facility status, regulated activities, and compliance histories in addition to capturing detailed data on the generation of hazardous waste from large quantity generators and on waste management practices from treatment, storage, and disposal facilities.

RCRAINFO USER ADVANTAGES

RCRAInfo Version 6 (V6) is EPA's latest iteration of the RCRAInfo software. V6 offers an upgrade in technology and a new look-and-feel to the user interface. Some of the advantages that users will realize are:

- Expanded Accessibility
- Simplified Data Entry and Retrieval
- Improved Data Management and Ownership
- Enhanced Data Presentation

One significant advantage of V6 is the expanded accessibility. Users will be able to access RCRAInfo from nearly any device (desktops, laptops, tablets, and smartphones), as well as from all popular browsers (Internet Explorer, Chrome, Safari, FireFox, and Opera).

The new look-and-feel of the user interface will enhance the user experience and foster consistency throughout the data. Features such as type-ahead, yes/no slide boxes, and multi-select drop-down lists will simplify the data entry process. V6 also incorporates a "save as you go" feature that allows users to save incomplete data until such time that the information can be completed. As always, business rules are enforced by the application to ensure the correctness of all data entered.

In previous versions of RCRAInfo, a data record was owned by a single entity (Region or State) and only a user associated with that entity could manipulate that record. In V6, complete ownership of the data has been given to the appropriate entity whereby if the entity feels it appropriate to give access of their data to a user outside of their entity, they have the capability to do so. For example, if Vermont owns their handler data, but wants to allow Region 1 to also manipulate this data, Vermont can grant Region 1 the permissions to do just that.

V6 also improves data viewing for program staff and management. The new screens provide superior data presentation for on-line viewing of the data, often eliminating the need to generate and print a report.

General Help

GENERAL HELP INTRODUCTION

This section of RCRAInfo Help contains general information about RCRAInfo and the RCRAInfo on-line application. This section includes a glossary of terms, various guidance documents, and other relevant material.

GLOSSARY OF TERMS

Terms and acronyms beginning with the letter:

A B C D E F G H I
J K L M N O P Q R
S T U V W X Y Z

A

Accumulation: A site that does not hold RCRA Interim Status or a RCRA permit may accumulate hazardous waste for a short period of time before shipping it off-site. The waste must be accumulated in either tanks or containers; it may not be accumulated in surface impoundments. Generators of more than 1,000 kg (2,200 lbs) of hazardous waste per month may accumulate their waste for up to 90 days before shipping it off-site. Generators of 100 kg (220 lbs) to 1,000 kg (2,200 lbs) of hazardous waste per month may accumulate their waste for up to 180 days before shipping it off-site. If the nearest treatment, storage, disposal, or recycling facility to which they can send their waste is more than 200 miles away, they may accumulate their waste for 270 days. See 40 CFR 262.34.

Active Site Status: The "Active Status" field in HREPORT_UNIV indicates whether or not the handler is an active hazardous waste site according to current RCRAInfo data. This Active/Inactive flag, also known as HPACS, indicates whether the site conducts Handler, Permitting, Corrective Action, Converter, and/or State Activities. If RCRAInfo data reflects that a site conducts any of these five activities, the corresponding letter will appear in the site's HPACS flag. For example, a site that conducts Handler Activities and Corrective Action Activities will be set as "H-A--". ***Note: The Active/Inactive designation is based on the data CURRENTLY in the RCRAInfo database. This designation is meant to indicate whether a site is likely an active site, or likely an inactive site. It has no legal significance.***

Activity Location: The State where the reported activity occurred.

Airbag Waste : Any hazardous waste airbag modules or hazardous waste aigbag inflators.

Airbag Waste Collection Facility: Any facility that receives airbag waste from airbag handlers subject to regulation under 40 CFR 261.4(j), and accumulates the waste for more than ten days.

Airbag Waste Handler: Any person, by site, who generates airbag waste that is subject to regulation under 40 CFR 261.4(j).

Acute Hazardous Waste: Any hazardous waste with an EPA hazardous waste code beginning with the letter "P" (40 CFR 261.33(e)) or any of the following "F" codes: F020, F021, F022, F023, F026, and F027 (40 CFR 261.31). These wastes are subject to stringent quantity standards for accumulation and generation (40 CFR 261.5(e)).

Area: A geographically-defined area with a facility.

ASTSWMO: The Association of State and Territorial Solid Waste Management Officials (www.astswmo.org).

Authority: The documentation and legal force driving the corrective action process (e.g., an operating permit, a judicial order, or consent order).

Authorized State: A State that has obtained authorization from the EPA to direct its own RCRA program.

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B

BARRT: Basic RCRAInfo Reporting Tool. This tool enables RCRAInfo users to build ad-hoc queries via a point and click interface.

Biennial Report (BR): EPA, in partnership with the States, collects information every odd year, regarding the generation, management, and final disposition of hazardous wastes regulated under the Resource Conservation and Recovery Act of 1976 (RCRA), as amended. The Biennial Report, formally called *The National Biennial RCRA Hazardous Waste Report*, is published to communicate to the public, government agencies, and the regulated community the findings of EPA's data collection efforts.

Biennial Report Module: *See Waste Activity Monitoring (WAR) Module*.

Biennial Reporting System (BRS): The Biennial Reporting System (BRS) is a legacy national system that collected data on the generation, management, and minimization of hazardous waste. BRS captured detail data on the generation of hazardous waste from large quantity generators and data on waste management practices from treatment, storage, and disposal facilities. This data was collected every odd year. The functionality of this system now exists in Commercial Off-the-Shelf Systems and Government Off-the-Shelf Systems, but the data collected resides in RCRAInfo.

BIF: Boilers and Industrial Furnaces (40 CFR Part 266, Subpart H).

Broader-in-scope: In order for States to become authorized, their programs must be at least as stringent as the Federal program; but they can also be more stringent than the Federal program (See definition of more-stringent-than below) or they can be broader-in-scope. A broader-in-scope program: 1) allows States to regulate more entities or wastes than the federal code; or 2) adds an aspect to a State's statutes or regulations for which there is no federal counterpart. Example: Large Quantity Generators (LQGs) are defined under federal regulation as facilities that generate: greater than 1,000 kg of hazardous waste per calendar month OR greater than 1 kg of acute hazardous waste per calendar month. In the federal program, PCBs are not included in the above definition. The State of New York is broader-in-scope in that to determine the quantity of waste generated per month, they include PCBs and, if the quantity is more than 1,000 kg, it is an LQG under New York's program.

BR: *See Biennial Report*.

BRS: *See Biennial Reporting System*.

Business Rule: A rule that will be applied to the collection, tracking, or interpretation of information.

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C

CA: *See Corrective Action or Corrective Action Module*.

CAFO: Consent Agreement / Final Order usually used in connection with multi-site enforcement actions.

CBI: *See Confidential Business Information*.

CDX: Central Data Exchange.

CESQG: *See Conditionally-Exempt Small Quantity Generator*.

CFR: *See Code of Federal Regulations*.

CG: Change Management Coordination Group.

Citation: The specific statutory or regulatory provision providing legal authority for imposition of requirements.

Closure: In 40 CFR Part 264, Subpart G, EPA promulgated regulations requiring owners or operators to provide for the proper closure of hazardous waste management facilities. Under 40 CFR 264.112 and 264.118 owners or operators are required to maintain closure plans at the facilities, amend the closure plans and notify EPA when appropriate, and submit these plans to EPA when necessary. Other closure requirements under Subpart G include requiring owners or operators to:

- Demonstrate that they can comply with specific regulations, if requesting an extension for treatment, storage, or removal of hazardous waste;
- Demonstrate that they can comply with specific regulations, if requesting an extension for completing closure activities under an approved closure plan;
- Demonstrate that they can comply with specific regulations, if requesting an allowance to receive non-hazardous waste after the final receipt of hazardous waste;
- Certify that a facility has been closed in accordance with the approved closure plans;
- Submit a certified survey plat;
- Submit a record of the type, location, and quantity of hazardous wastes disposed of at the facility;
- Record a notation on the property deed according to the requirement in 264.119(b)(1), submit certification of this notation, and request a modification to the post-closure permit, if

necessary.

Closure Workload Universe: Any facility with units that are closing. Facilities are included in the universe up to the time that closure certification is verified by the Agency. This universe does not include facilities that have completed closure and been verified by the Agency (i.e., certified clean closed or certified closed with waste in place) and those facilities going through post-closure. Designed for reports to evaluate the workload related to closure. The universe is split into six (6) sub-universes indicating type of facility: Land Disposal, Incinerator, BIF, Storage, Treatment, and Solid Waste Management Unit.

CM&E: *See Compliance Monitoring and Enforcement Module*.

CMP: Change Management Process.

Code of Federal Regulations (CFR): Codification of the general and permanent rules published in the Federal Register by the Executive departments and agencies of the Federal Government. The Code is divided into 50 titles which represent broad areas subject to Federal regulation. Each title is divided into chapters that usually bear the name of the issuing agency. Each chapter is further subdivided into parts covering specific regulatory areas. The CFR title applicable for the Hazardous Waste Report is "40", as in "40 CFR 262.34."

Co-generator: All parties that contribute to the generation of a waste or cause the waste to become subject to regulation. Depending on the situation, the operators or the owners of a process unit or material and the persons who remove the waste from process units may assume individual or collective responsibilities of a generator. Any party that is a co-generator is jointly and severally liable as the generator.

College or University: To participate in Subpart K, you are an eligible college or university if you are a private or public, post-secondary, degree-granting, academic institution, that is accredited by an accrediting agency listed annually by the U.S. Department of Education.

Compliance Monitoring: Inspections, information gathering, and other mechanisms by which EPA ensures that handlers comply with regulations. Compliance monitoring also helps EPA evaluate the effectiveness of legal actions that may have been taken against a handler, gather data in support of future rule-making, evaluate the effectiveness of State programs, and monitor national compliance with RCRA.

Compliance Monitoring and Enforcement Module: The module in RCRAInfo used to maintain compliance monitoring data (e.g., evaluation and violation data) and enforcement data (e.g., information on agencies beyond RCRA participating in the enforcement action, enforcement milestones, penalties, and payments).

Conditionally-Exempt Small Quantity Generator (CESQG): A facility is a conditionally-exempt small quantity generator if they:

1. generate 100 kg (220 pounds) or less of hazardous waste in any single month, and accumulate 1,000 kg (2,200 pounds) or less of hazardous waste at any time;
2. generate 1 kg or less of acutely hazardous waste in any single month, and accumulate at any time:
    - 1 kg (2.2 pounds) or less of acutely hazardous waste; or
    - 100 kg (220 pounds) or less of any residue or contaminated soil, waste, or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste.
3. generated 100 kg (220 pounds) or less of any residue or contaminated soil, waste, or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste in any single month, and accumulate at any time:
    - 1 kg (2.2 pounds) or less of acutely hazardous waste; or
    - 100 kg (220 pounds) or less of any residue or contaminated soil, waste, or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste.

Confidential Business Information (CBI): Information a facility does not wish to make available to the general public for competitive business reasons. CBI may be claimed for certain information in your submittal. A claim may be made in accordance with 40 CFR Part 2, Subpart B.

Confidentiality: "Confidentiality" refers to preventing the unauthorized or inappropriate disclosure of information. Information requiring protection from unauthorized disclosure includes confidential commercial business information, confidential Agency business information, Privacy Act information, law enforcement confidential information, procurement-sensitive information, budgetary information prior to OMB release, and information exempt from disclosure under the Freedom of Information Act.

Contiguous: Being in actual contact: touching along a boundary or at a point. (*See on-site*).

Controls in Place: The "Controls in Place" field indicates whether institutional (CA770) and/or engineering (CA772) controls are in place for the handler. A "Y" in this field indicates that controls are in place. An "N' in this field indicates that controls are not in place.

Converter TSDF Universe: This universe includes former TSD units: 1) that have not yet clean closed as TSD units; and 2) for which the Agency has accepted notification that the units no longer conduct activities that require a TSD permit. The universe is split into six (6) sub-universes indicating type of facility: Land Disposal, Incinerator, BIF, Storage, Treatment, and Solid Waste Management Unit.

Corrective Action (CA): The Corrective Action program addresses the cleanup of hazardous

waste releases at RCRA-regulated sites. The corrective action program is one of the primary mechanisms to facilitate cleanup of contamination at treatment, storage, and disposal facilities (TSDFs).

Corrective Action Event: A specific activity encountered or undertaken to facilitate cleanup of contamination at treatment, storage, and disposal facilities (TSDFs).

Corrective Action Module: The module in RCRAInfo used to maintain corrective action authority, area, and event data gathered from hazardous waste handlers having or suspected of having a hazardous waste release. The corrective action module is also used to produce standard reports that assist in the management of the corrective action program.

Corrective Action Workload Universe: Includes all regulated treatment, storage, and disposal facilities (TSDFs) and all facilities actively engaged in the corrective action process.

Cost Estimate: An estimate contained in the permit application, in current dollars, of the cost for closing the treatment, storage, and disposal facility (TSDF) and performing post-closure.

CROMERR: Cross-media Electronic Reporting Rule published on October 13, 2005, and became effective on January 11, 2006. Submissions to RCRAInfo via myRCRAid are subject to this rule.

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D

Data Administrator: A user who has administrator permissions for at least one data module (Handler, CM&E, Corrective Action, Permitting, Financial Assurance, and/or GIS).

Data Element Dictionary (DED): Defines the basic organization of the RCRAInfo database. The DED consists of various PDF reports for each table in the database. The reports detail the names and types of each field within the table, as well as the relationships between tables. ***Note: The DED contains a separate glossary of terms unique to the DED.***

Day Zero: The date that all information is avilable to make a determination of the compliance status of the site, but should be no later than 90 days after the evaluation start date. This term is synonymous with evaluation end date.

DED: *See Data Element Dictionary*.

DSW: Definition of Solid Waste.

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E

e-Authentication Initiative: Agency initiative to use information for capacity planning, recruitment of third party credential service providers (CSPs), and in funding/billing of e-Authentication services. It also supports Agency compliance with OMB Memorandum M-04-04, "E-Authentication Guidance for Federal Agencies."

EC: Environmental Controls

ECOS: Environmental Council of the States (www.ecos.org).

EDSC: Environmental Data Standards Council (www.epa.gov/fem/data_standards.htm).

Emergency RCRA EPA ID Number: A number issued to waste generators and transporters during spills and other unanticipated events.

EN: Exchange Network (www.exchangenetwork.net).

Enforcement Action: An action taken (i.e., administrative action or civil action) to compel a non-compliant handler to comply with RCRA's waste handling standards, record-keeping, or reporting requirements, and/or to monitor and respond to releases of hazardous wastes and constituents.

Enforcement Sensitive: Enforcement sensitive actions may include 400 series actions (Civil/Judicial Referrals), 700 series (Criminal Actions), and 810/820 actions (State-to-EPA Referrals/EPA-to-State Referrals). For a complete definition, *see Enforcement Sensitive Definition*.

ENLC: Exchange Network Leadership Council (http://www.exchangenetwork.net/about/network-management/exchange-network-leadership-council).

Entity Relationship Diagram (ERD): A diagram which graphically displays the tables and data elements within the individual modules of RCRAInfo and demonstrates the relationships between the various tables.

EPA Identification Number: The number assigned by the EPA to any of the following types of sites:

- hazardous waste generator;
- hazardous waste transporter;
- treatment, storage, or disposal facility;
- United States importer of hazardous waste;
- mixed waste (hazardous and radioactive) generator;
- recycler of hazardous waste;
- exempt boiler and/or industrial furnace burning or processing hazardous waste;

- large quantity handler of or destination facility for universal wastes;
- disposer of hazardous waste with an underground injection permit;
- used oil transporter;
- used oil processor/re-refiner;
- off-specification used oil fuel burner;
- used oil fuel marketer;
- eligible academic entity managing laboratory hazardous waste under Subpart K;
- undergoing corrective action; or
- managing hazardous secondary material.

Episodic Generator: A generator who periodically changes generator category by exceeding or falling below its normal generation limits in any given calendar month.

ERP: Enforcement Response Policy (https://www.epa.gov/sites/production/files/documents/finalerp1203.pdf).

Evaluation: A physical inspection or record review of hazardous waste activity at a given facility.

Event: *See Permitting Event or Corrective Action Event.*

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F

Facility: A facility that generates, treats, stores, or disposes of hazardous waste regulated under RCRA Subtitle C. This term in the RCRA regulations means TSD facilities. (Not as broad as the term "handler", but sometimes used interchangeably with handler.)

Federally-Regulated TSDF Universe: Includes TSDFs subject to Federal RCRA TSDF (or authorized State Hazardous Waste Program) regulations, permits, and orders. Federally-regulated TSDFs include units that are classified under a permit, classified under a 3008(h), 3013, or 7003 order, referred for corrective action, or identified as being operated illegally. A site is considered a federally-regulated TSDF until all it's TSD units have been verified as having completed clean closure or post-closure care, or have been referred to CERCLA, or Superfund. The universe is split into six (6) sub-universes indicating type of facility: Land Disposal, Incinerator, BIF, Storage, Treatment, and Solid Waste Management Unit.

Financial Assurance: A requirement of owners or operators of regulated TSDFs to demonstrate financial responsibility for closure and post-closure care, third party liability, and when necessary, corrective action.

Financial Assurance Module: The module in RCRAInfo used to maintain financial assurance data (e.g., cost estimates and mechanisms).

Fixed IOR: Implemented for data elements in which one agency (State or Region) is completely responsible.

Form GM: Form submitted by generators and TSDFs as part of the *The National Biennial RCRA Hazardous Waste Report.* Form GM summarizes on-site RCRA hazardous waste generation and management for the reporting year. One Form GM is submitted for each generated and/or managed hazardous waste that is required by law to be reported.

Form OI: Form submitted by any site required to file the Hazardous Waste Report and which received hazardous waste from off-site or sent hazardous waste off-site during the reporting year. The Form OI must be submitted only if required by the State agency. Form OI documents the names and addresses of off-site installations and transporters. Form OI information is not stored in RCRAInfo and this data is not used in *The National Biennial RCRA Hazardous Waste Report.*

Form WR: Form submitted by TSDFs and transporters as part of *The National Biennial RCRA Hazardous Waste Report.* Form WR summarizes on-site RCRA hazardous waste received during the reporting year. One Form WR is submitted for each received hazardous waste that is required by law to be reported.

FTE: Full Time Equivalent (FTEs are the total number of hours worked divided by 2,080).

Full Enforcement Universe: Includes each TSDF that could potentially undergo a Compliance and Evaluation Inspection (CEI) to be evaluated for compliance with the applicable TSDF requirements found in 40 CFR Parts 264/265 and/or authorized State equivalents. Not every facility in this universe will undergo an annual inspection. This universe includes both currently operating TSDFs as well as closed but not yet certified closed TSDFs. The universe is split into six (6) sub-universes indicating type of facility: Land Disposal, Incinerator, BIF, Storage, Treatment, and Solid Waste Management Unit.

FY: Fiscal Year. The Federal government fiscal year is from October 1 - September 30.

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G

GIS: Geographic Information System.

GM: Generation and Management.

GM Form: *See Form GM.*

Government Performance and Results Act (GPRA): Enacted in 1993, the Government Performance and Results Act (GPRA) places new management expectations and requirements on federal agencies by creating a framework for more effective planning, budgeting, program evaluation, and fiscal accountability for federal programs. The intent of GPRA is to improve public confidence in federal agency performance by holding agencies accountable for achieving program results. Departments and agencies must clearly describe the goals and objectives of their programs, identify resources and actions needed to accomplish these goals and objectives, develop a means of measuring their progress, and regularly report on their achievements. This approach will also serve to improve congressional decision making by clarifying and stating program performance goals, costs, and results "up front".

GPRA: *See Government Performance and Results Act*.

GPRA Baseline: Baselines have been established as a tool for tracking progress within the Permitting and Corrective Action programs. The following GPRA baselines are being tracked in RCRAInfo: 1) GPRA Permit and Post-Closure Baseline; 2) GPRA Permit Renewals Baseline; and 3) GPRA Corrective Action Baseline.

GPRA Corrective Action Baseline Universe: The 2020 Corrective Action Baseline Universe is a comprehensive list of all 3,746 facilities believed to need cleanup and/or investigation under the RCRA Corrective Action Program.

GPRA Permit Baseline Universe: Updated in 2005 and 2011, the Permitting Baseline incorporates the 1997 Operating and Post-Closure Permit Baselines, thus including any TSDF that had at least one unit that was operating or needed to obtain an operating permit as of 2011 and any land disposal facility that had at least one land disposal unit that ceased operating before 2011, and had not yet clean closed.

GPRA Renewals Baseline Universe: Consists of all permitted facilities (operating TSDFs, post-closure, and HSWA-only permits) and facilities utilizing alternative controls who require updated controls (i.e., their permits expire) by the end of fiscal year 2015.

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H

Handler: A generator, transporter, or treatment, storage, or disposal facility (TSDF) which generates, transports, treats, stores, or disposes of hazardous waste regulated under RCRA Subtitle C. This term is used to encompass all types of RCRA Subtitle C regulated entities. (Broader than the term "facility" but not as all-encompassing as the term "site".)

Handler Module: The module in RCRAInfo used to maintain handler names and addresses, hazardous waste categories and activities of handlers, owners and operators of hazardous waste facilities, and authorized waste handling methods.

Hazardous and Solid Waste Amendments (HSWA) of 1984: The Hazardous and Solid Waste Amendments (HSWA) of 1984 prohibit the continued land disposal of untreated wastes beyond specified dates unless the U.S. EPA determines the prohibition of certain disposal methods is not required to protect human health and the environment. To continue injecting hazardous wastes under these regulations, operators must treat the wastes below the EPA specified contaminant levels (referred to as treatment standards), or submit a petition demonstrating that there is no migration of hazardous constituents from the injection zone.

Hazardous Secondary Material (HSM) Activity: A secondary material (e.g., spent material, by-product, or sludge) that, when discarded, would be identified as hazardous waste under 40 CFR Part 261. Facilities managing hazardous secondary material under 40 CFR 261.2(a)(2)(ii), 40 CFR 261.4(a)(23), (24), or (25) must complete the Addendum to the Site Identification Form: Notification for Managing Hazardous Secondary Material. You must check with you State to determine if you are eligible to manage hazardous secondary material under these exclusions.

Hazardous Waste: A hazardous waste as defined in 40 CFR 261.3.

Hazardous Waste Generator: Any person, by site, whose act or process produces hazardous waste identified or listed in 40 CFR Part 261.

Hazardous Waste Number or Code, EPA: The number (or code) assigned by the EPA to each hazardous waste listed in 40 CFR Part 261, Subpart D and to each characteristic identified in 40 CFR Part 261, Subpart C. The codes consist of one letter (D, F, P, U, or K) and three numbers.

Hazardous Waste Number or Code, State: The number (or code) assigned by the State to each hazardous waste listed in the State regulations. Obtain a list of the State's waste codes from your State.

Hazardous Waste Storage: The holding of hazardous waste for a temporary period, at the end of which the hazardous waste is treated, disposed of, or stored elsewhere.

Hazardous Waste Transfer Facility: *See Transfer Facility*.

Hazardous Waste Transporter: *See Transporter*.

Hazardous Waste Treatment: Any method, technique, or process, including neutralization, designed to change the physical, chemical, or biological character or composition of any hazardous waste so as to neutralize such hazardous waste, or so as to recover energy or material resources from the hazardous waste, or so as to render such hazardous waste non-hazardous or less hazardous; safer to transport, store, or dispose of, or amenable for recovery, amenable for storage, or reduced in volume. Such term includes any activity or processing designed to change the physical form or composition of hazardous waste so as to render it non-hazardous.

Healthcare Facility: Any person that is lawfully authorized to (1) provide preventative, diagnostic,

therapeutic, rehabilitative, maintenance or palliative care, and counseling, service, assessment or procedure with respect to the physical or mental condition, or functional status, of a human or animal or that affects the structure or function of the human or animal body; or (2) distribute, sell, or dispense pharmaceuticals, including over-the-counter pharmaceuticals, dietary supplements, homeopathic drugs, or prescription pharmaceuticals. This definition includes, but is not limited to, wholesale distributors, third-party logistics providers that serve as forward distributors, military medical logistics facilities, hospitals, psychiatric hospitals, ambulatory surgical centers, health clinics, physicians' offices, optical and dental providers, chiropractors, long-term care facilities, ambulance services, pharmacies, long-term care pharmacies, mail-order pharmacies, retailers of pharmaceuticals, veterinary clinics, and veterinary hospitals. This definition does not include pharmaceutical manufacturer, reverse distributors, or reverse logistics centers.

HPACS: Single-character identifiers used in the Active Site Flag to indicate what activities are occurring at a site. H - Handler, P - Permitting, A - Corrective Action, C - Converter TSDF, and S - State-specific.

HPV: High Priority Violator. This term was replaced by Significant Non Complier (SNC) by the 1996 Enforcement Response Policy (ERP).

HQ: EPA Headquarters.

HSM: *See Hazardous Secondary Material (HSM) Activity*.

HSWA: *See Hazardous and Solid Waste Amendments of 1984*.

HWDMS: Mainframe SAS data system used to track RCRA Subtitle C hazardous waste information. This system was replaced by RCRIS in 1991.

HWMU: Hazardous Waste Management Unit.

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I

ICAB: Information Collection and Analysis Branch in EPA where the management of RCRAInfo is housed.

ICR: Information Collection Request.

IM: Information Management.

Implementer: The State agency or EPA Region responsible for implementing the RCRA program in a given State.

Implementer-defined: A value that is implementer-defined is established and defined by State or Regional users, as opposed to Headquarters users.

Implementer of Record (IOR): Term used to describe the agency (State or EPA) responsible for data entry and management of specific RCRAInfo handler identification and program activity data for a given State or Territory. Usually, the agency responsible for the work owns the data that tracks the work and, therefore, is the IOR for that data. IOR is not concerned with the individual entering the data but rather the agency responsible for entering data into the system.

Importer: Any person who imports hazardous waste from a foreign country into the United States. This does not include hazardous waste shipped from a foreign Department of Defense site, Maquiladora, United States territory or protectorate.

In a Universe: The "In a Universe" field indicates whether a handler is in a universe or not. A "Y" in this field indicates that the handler is present in at least one universe (*click here for a list of universes*). An "N" in this field indicates that the handler is not present in any universe.

Inactive Site Designation: An indication based on the information currently in RCRAInfo, that there may not be any activity at a site that could be subject to RCRA Subtitle C, or to a State's authorized hazardous waste program. This designation has no legal significance and does not constitute a legally enforceable or binding determination about the status of a particular site or the obligations of an owner or operator.

Incineration: Burning of certain types of solid, liquid, or gaseous materials; or a treatment technology involving destruction of waste by controlled burning at high temperatures (e.g., burning sludge to remove the water and reduce the remaining residues to a safe, non-burnable ash that can be disposed safely on land, in some waters, or in underground locations).

Industrial Furnace: Any of the following enclosed devises that are integral components of manufacturing processes and that use thermal treatment to accomplish recovery of materials or energy: cement kilns; lime kilns; aggregate kilns; phosphate kilns; coke ovens; blast furnaces; smelting, melting, and refining furnaces; titanium dioxide chloride process oxidation reactors; methane reforming furnaces; pulping liquor recovery furnaces; combustion devices used in the recovery of sulfur values from spent sulfuric acid; halogen acid furnaces, as defined under industrial furnace in 40 CFR 260.10; and other such devices.

Information System: An organized collection, storage, and presentation system of data for decision making, progress reporting, and for planning and evaluation of programs. It can be either manual or computerized, or a combination of both.

INFORMED: Information Needs For Making Environmental Decisions - original State initiative to re-evaluate the RCRA Subtitle C information system. This initiative was combined with the EPA WIN initiative.

Inspection: Compliance monitoring activity that involves and evaluation of compliance of a site with the provisions of RCRA Subtitle C or equivalent State regulations and statutes. The term is usually used to mean "on-site" activities but is often used synonymously with the broader term "evaluation".

Instrument: Former name (in RCRIS) of what is now called Corrective Action Authority in RCRAInfo.

Interim (Permit) Status: Period dugin which the owner/operator of an existing TSDF is treated as having been issued a RCRA permit even though he/she has not yet received a final determination. An existing facility should have automatically qualified for interim status if the owner/operator filed both timely "notification" and the first part (Part A) of the RCRA permit application. Interim status continues until a final determination is made to issue or deny the permit. Owner/operator of new facilities cannot, by definition, qualify for interim status; rather, they need a RCRA permit prior to beginning construction of a hazardous waste management facility.

IOR: *See Implementer of Record.*

IPT: Integrated Project Team.

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J

K

KML: Keyhole Markup Language (*used in GIS*).

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L

Land Disposal (LD): The placement of waste in or on the land including, but not limited to, use constituting disposal or placement of hazardous waste into: landfills, surface impoundments, waste piles, injection wells, land treatment facilities, salt domes or salt bed formations, underground mines or caves, and concrete vaults or bunkers.

Land Disposal Facility (LDF): A site which uses land disposal methods to dispose of hazardous waste (i.e., landfills, surface impoundments, waste piles, injection wells, land treatment facilities).

Large Quantity Generator (LQG): A facility is a federal large quantity generator if:

1. the generator generated in any single month 1,000 kg (2,200 pounds or 1.1 tons) or more of RCRA hazardous waste; or
2. the generator generated in any single month, or accumulated at any time, 1 kg (2.2 pounds) of RCRA acute hazardous waste; or
3. the generator generated, or accumulated at any time, more than 100 kg (220 pounds) of spill cleanup material contaminated with RCRA acute hazardous waste.

Large Quantity Handler of Universal Waste (LQHUW): A universal waste handler (as defined

in 40 CFR 273.9), who accumulates a total of 5,000 kg or more of universal wastes (batteries, pesticides, mercury-containing equipment, or lamps - calculated collectively) at any time. This designation is retained through the end of the calendar year in which the 5,000 kg limit is met or exceeded.

LD: Land Disposal.

LDF: Land Disposal Facility.

Lookup Table: A database table containing codes and names / descriptions associated with the codes. The purpose of a lookup table is 1) to minimize storage space needed to store information; 2) reduce data entry error; and 3) restrict data entry to one of the values in a list stored in the lookup table. Lookup tables are also used in RCRAInfo to restrict the list of values shown in a drop-down list.

LQG: *See Large Quantity Generator*.

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M

Management, or Hazardous Waste Management: Systematic control of the collection, source separation, storage, transportation, processing, treatment, recovery, or disposal of hazardous waste (40 CFR 260.10).

Manifest, Uniform Hazardous Waste: The shipment document, EPA Form 8700-22 and, if necessary, Form 8700-22A, originated and signed by a generator in accordance with the instructions included in the appendix to 40 CFR Part 262. The "cradle-to-grave" paperwork must accompany a shipment of hazardous waste as it moves from the generator to the transporter and eventually to the hazardous waste management facility.

Mixed Waste: Waste that contains both hazardous and source, special nuclear, or by-product material subject to the Atomic Enery Act (AEA), RCRA Section 1004(41), 42 U.S.C> 6903 (63 FR 17414; April 9, 1998).

Mechanism: A financial instrument used for assuring closure and post-closure costs (e.g., trust funds, payment surety bonds, performance surety bonds, letters of credit, insurance, financial test, and corporate guarantees).

Memorandum of Agreement (MOA): A memorandum between the State Director and the EPA Regional Administrator required for final authorization of State hazardous waste programs. The MOA outlines responsibilities and oversight powers and defines the level of coordination between the State and the EPA in implementing the program.

Memorandum of Understanding (MOU): A set of agreements between a State and a Region, detailing certain procedures and outlining the responsibilities of each party.

MOA: *See Memorandum of Agreement*.

More-stringent-than: In order for States to become authorized, their programs must be at least as stringent as the Federal program; but they can also apply more stringent regulation to the same population as would be regulated under the Federal program. Example: LQGs are defined under Federal regulation as facilities that generate: greater than 1,000 ks of hazardous waste per calendar month OR greater than 1 kg of acutely hazardous waste per calendar month. California is more-stringent-than in that if a site generated any hazardous waste they are classified as LQG under California's program.

MOU: *See Memorandum of Understanding*.

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N

NAICS: North American Industrial Classification Standard (NAICS) Code.

National Biennial RCRA Hazardous Waste Report: EPA, in partnership with the States, collects information every odd year, regarding the generation, management, and final disposition of hazardous wastes regulated under the Resource Conservation and Recovery Act (RCRA) of 1976, as amended. *The National Biennial RCRA Hazardous Waste Report* is published to communicate to the public, government agencies, and the regulated community the findings of EPA's data collection efforts. Beginning with the 2013 report cycle, the information is no longer published, but rather can be accessed via EPA's RCRAInfo Web public website located at https://rcrainfo.epa.gov/rcrainfoweb.

Non-notifier: Any person, by site, conducting RCRA Subtitle C-regulated activities without notification to EPA or their authorized State. ***Note: Identifying a person as a non-notifier has no regulatory significance and does not constitute a legally enforceable or binding determination about the status of a particular person under RCRA Subtitle C or a State's authorized hazardous waste management program.***

Non-notifier Flag: An indicator that a site is conducting or is suspected of conducting RCRA Subtitle C-regulated activities without proper notification EPA or their authorized State. ***Note: The non-notifier flag has no regulatory significance and does not constitute a legally enforceable or binding determination about the status of a particular site under RCRA Subtitle C or a State's authorized hazardous waste management program.***

Non-profit Institution: To participate in Subpart K, you are an eligible non-profit institution if you are an organization that conducts research as its primary function and files as a non-profit organization under the tax code of 26 U.S.C. 501(c)(3) and is either: 1) owned by a college or university; or 2) has a formal written affiliation agreement with a college or university that establishes a relationship between institutions for the purposes of research and/or education and is signed by authorized representatives from each institution. A relationship on a project-by-project or grant-by-grant basis is not considered a formal written affiliation agreement.

Non-TSDFs Where RCRA Corrective Action Has Been Imposed Universe: Consists of the RCRA handlers that are NOT TSDFs where corrective action has been imposes (e.g., generator conducting corrective action under a 7003 order). Handlers are only included in this universe once they've initiated corrective action through an RFI.

NPL: Superfund National Priorities List.

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O

O&M: Operations and Maintenance.

ODBC: Open Database Connectivity.

OECA: Office of Enforcement and Compliance Assurance.

OEI: Office of Environmental Information.

Off-site Facility: A hazardous waste treatment, storage, disposal, or recycling area located at a place away from the generating site.

Off-specification Used Oil Burner: A site where used oil not meeting the specification requirements in 40 CFR 279.11 (off-specification used oil) is burned for energy recovery in devices identified in Section 279.61(a).

Off-specification Used Oil Fuel: Used oil fuel that does not meet the specification provided under 40 CFR 279.11.

OI Form: *See Form OI*.

OLEM: EPA HQ's Office of Land and Emergency Management, formerly known as the Office of Solid Waste and Emergency Response.

OMB: Office of Management and Budget.

On-site Facility: A hazardous waste treatment, storage, disposal, or recycling area located on the generating site.

On-specification Used Oil Fuel: Used oil fuel that meets the specification provided under 40 CFR 279.11.

On-site: The same or geographically contiguous property which may be divided by public or private right-of-way, provided the entrance and exit between the properties is at a cross-roads intersection, and access is by crossing as opposed to going along, the right-of-way. Non-contiguous properties

owned by the same person but connected by a right-of-way which he controls and to which the public does not have access, is also considered on-site property.

OP/LG Status: Operating and Legal Status.

Operating Permit: TSDFs are required to obtain permission, in the form of an operating permit, that establishes the administrative and technical conditions under which waste at the facility must be managed. Permits provide TSDF owners and operators with the legal authority to treat, store, or dispose of hazardous waste and detail how the facility must comply with the regulations. Compliance with this permit ensures that hazardous waste is handled in a controlled manner that is protective of human health and the environment. Permits also serve as an implementation mechanism, and as a means by which EPA can track waste management at facilities that choose to handle hazardous waste.

As part of the permitting process, all TSDF owners and operators must submit a comprehensive permit application that covers the full range of TSDF standards, including general facility provisions, unit-specific requirements, closure and financial assurance standards, and any applicable groundwater monitoring and air emissions provisions. The permit application must demonstrate that the permittee's methods of handling the waste are consistent with the level of protection of human health and the environment required by RCRA.

Operating TSDF Universe: Captures every facility that currently has an operating treatment, storage, or disposal unit. The universe is split into six (6) sub-universes indicating type of facility: Land Disposal, Incinerator, BIF, Storage, Treatment, and Solid Waste Management Unit.

Operator: The person responsible for the overall operation of a facility.

Oracle: The relational database management system in which RCRAInfo is based.

ORCR: Office of Resource Conservation and Recovery (formerly called the Office of Solid Waste) located within EPA HQ's Office of Solid Waste and Emergency Response.

Orphan Record: A data record in RCRAInfo that is not "linked" or associated with another data record. Types of orphan records are: violations that are not linked to evaluations, enforcement actions that are not linked to violations (although some of these may legitimately not be issued against a violation), penalty records which are not linked to an enforcement action, and payments not linked to penalty records.

OSWER: EPA HQ's Office of Solid Waste and Emergency Response. Effective December 15, 2015, OSWER changed it's name to the Office of Land and Emergency Management (OLEM).

Owner: The person who owns a facility or part of a facility.

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P

P2: Pollution Prevention.

PAA: Program Area Analysis.

PART: Office of Management and Budget's Program Assessment Rating Tool.

PCB: Polychlorinated Biphenyl.

Permissions: This term refers to the privileges a user is granted within the RCRAInfo application and determines the type of data that the user may add, update, and/or delete and/or functions (i.e., user maintenance, report maintenance, etc.) that the user may perform.

Permit: A complete RCRA permit is comprised of an operating permit for hazardous waste treatment, storage, and disposal, and a corrective action permit addressing releases from solid waste management units (SWMUs). To apply for a permit, a site must file a two-part application (Part A and Part B). A facility is not considered to have a complete RCRA permit until both parts have been issued.

Permit Renewal Workload Universe: Captures facilities with current operating, post-closure, or corrective action only permits whose renewal applications the implementer has received but whose permits have not been renewed. This universe excludes unit groups scheduled for closure. The universe is split into six (6) sub-universes indicating type of facility: Land Disposal, Incinerator, BIF, Storage, Treatment, and Solid Waste Management Unit.

Permit Workload Universe: Any facility with units that are in the permit pipeline as well as units with active permits. The permit pipeline includes any operating facility that is currently permitted or operating under interim status and any facility with new units that are proposed or in the process of being constructed.

This universe is designed for reports to evaluate workload related to permit issuance. The universe is split into six (6) sub-universes indicating type of facility: Land Disposal, Incinerator, BIF, Storage, Treatment, and Solid Waste Management Unit.

Permitting/Closure/Post-Closure Progress Universe: Captures all units that are or were, at some time, required to obtain a RCRA permit to operate as a TSDF. This universe is designed for reports to track accomplishments in the permitting, closure, and post-closure areas. The universe is split into six (6) sub-universes indicating type of facility: Land Disposal, Incinerator, BIF, Storage, Treatment, and Solid Waste Management Unit.

Permitting Event: A specific activity encountered in the process of obtaining a permitting, closure, or post-closure permit.

Permitting Series: A group of events that uniquely identify a permit or permit application.

Permitting Unit Group: *See Unit Group*.

PII: Personal Identifiable Information (social security number, address, telephone number,

etc.).

Pop-up Calendar: A graphical user interface feature, the pop-up calendar is a small calendar from which the user can select a date as the value for a data entry field or selection criteria field. The calendar "pops up" when the calendar icon is clicked.

Pop-up Window: A graphical user interface feature, the pop-up window is a small window which displays brief information about the item clicked. The information window "pops up" when the hyperlink is clicked.

Post-Closure: In 40 CFR Part 265, Subpart G, EPA promulgated regulations requiring owners or operators to provide for the proper post-closure of hazardous waste disposal facilities. Under 40 CFR 265.112 and 265.118, owners or operators are required to maintain post-closure plans at the facility, notify EPA and amend the post-closure plans when appropriate, and submit these plans to EPA when necessary. Other post-closure requirements under Subpart G include requiring owners or operators to:

- Demonstrate that they can comply with specific regulations if requesting an extension for treatment, storage, or removal of hazardous waste;
- Demonstrate that they can comply with specific regulations if requesting an extension for completing closure activities under an approved closure plan;
- Demonstrate that they can comply with specific regulations if requesting an allowance to receive non-hazardous waste after the final receipt of hazardous waste;
- Certify that a facility has been closed in accordance with the approved post-closure plan;
- Submit a certified survey plat;
- Submit an amended post-closure plan, if necessary;
- Submit a modified post-closure plan, if the original plan is not approved by EPA;
- Submit a petition to extend or reduce the post-closure period;
- Submit a record of the type, location, and quantity of hazardous waste disposed of at the facility, record a notation on the property deed according to requirement 265.119(b)(1), submit certification of this notation, and request a modification to the post-closure permit, if necessary.

Post-Closure Workload Universe: Captures facilities with closing land disposal units and storage units closing as landfills. If a unit clean closes, it is removed from this universe once the clean closure is certified by the Agency. The post-closure workload universe is limited to land disposal facilities only.

PPA: Performance Partnership Agreement.

PPG: Performance Partnership Grants.

Privileges: *See Permissions.*

Process System: For purposes of the Hazardous Waste Report, a process system refers to one or more units used together to treat, recover, or dispose of a hazardous waste. The process system begins at the unit where the hazardous waste first enters and consists of all other treatment, recovery, or disposal units downstream from the point of entry. ***Note: Storage is NOT considered a process system, except for storage at a bulking and re-shipping facility (H141).***

Process Unit: *See Unit*.

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Q

QA: Quality Assurance.

QAP: Quality Assurance Plan.

QC: Quality Control.

QIC: EPA Quality and Information Council.

QMS: Quality Management System.

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R

RCRA: Resource Conservation and Recovery Act of 1976. This act was passed by Congress in 1976 to seek to protect human health and the environment from the potential hazardous of waste disposal, to conserve energy and natural resources, to reduce the amount of waste generated, and to ensure that waste is managed in an environmentally sound manner.

RCRA Facility Assessment (RFA): The first component in most corrective action cleanup programs. During an RFA, the owners and operators, with oversight from their implementing agencies, typically compile information on the environmental conditions at a given facility. The information is reviewed and may be followed by a visual inspection and/or sampling.

RCRAInfo: EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The RCRAInfo system enables cradle-to-grave waste tracking of many types of information regarding the regulated universe of RCRA Subtitle C hazardous waste handlers. RCRAInfo characterizes facility status, regulated activities, and compliance histories in addition to capturing detailed data on the generation of hazardous waste from large quantity generators and on waste management practices from treatment, storage, and disposal facilities.

RCRARep: Resource Conservation and Recovery Act Reporting System designed, implemented, and maintained by EPA Region 1.

RCRA Subtitle C: The federal program to manage hazardous wastes from cradle to grave. The objective of the Subtitle C program is to ensure that hazardous waste is handled in a manner that protects human health and the environment. To this end, there are Subtitle C regulations for the generation; transportation; and treatment, storage, or disposal of hazardous wastes.

RCRA Subtitle C Site: The physical plant or location at which one or more of the following regulated waste activities occurs: the generation, transportation, treatment, storage, or disposal of hazardous wastes; recycling of hazardous wastes; United States importer of hazardous waste; mixed waste (hazardous and radioactive) generator; exempt boiler and/or industrial furnace burning or processing hazardous waste; large quantity handler of or destination facility for universal wastes; disposing hazardous waste with an underground injection permit; the transportation (and temporary storage during transportation), processing/re-refining, burning, or marketing of used oil; eligible academic entity managing hazardous secondary material being reclaimed that must comply with certain requirements and conditions; or undergoing corrective action.

Recycling: The use, reuse, or reclamation of a material (40 CFR 261.1(c)(7)). "Reclamation" is the processing or regeneration of a material to recover a usable product (e.g., recovery of lead values from spent batteries, regeneration of spent solvents) (40 CFR 261.1(c)(4)). A material is "used or reused" if it is either:

1. employed as an ingredient (including use as an intermediate) in an industrial process to make a product (e.g., distillation bottoms from one process used as feedstock in another process) (40 CFR 261.1(c)(5)). However, a material will not satisfy this condition if distinct components of the material are recovered as separate end products (as when metals are recovered from metal-containing secondary material); or
2. employed in a particular function or application as an effective substitute for a commercial product (e.g., spent pickle liquor used as phosphorous precipitant and sludge conditioner in wastewater treatment).

Residual: A hazardous waste derived from the treatment, disposal, or recycling of a previously existing hazardous waste (e.g., the sludge remaining after initial wastewater treatment).

RFA: RCRA Facility Assessment.

RFI: Request for Information or RCRA Facility Investigation.

RTC: Return to Compliance or Returned to Compliance.

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S

SA: System Administrator.

SBT: *See "Strange but True" Legal/Operating Status Combinations*.

Secondary Violators (SVs): Violators which do not meet the criteria listed for SNCs. Secondary Violators are typically first time violators and/or violators which pose no actual threat or a low potential threat of exposure to hazardous waste or constituents. A facility classified as a SV should not have a history of recalcitrant or non-compliant conduct. Violations associated with a SV should be of a nature to permit prompt return to compliance with all applicable rules and regulations.

SEP: *See Supplemental Environmental Project*.

Series: *See Permitting Series*.

SI: Site Identification.

Significant Non-Complier (SNC): A facility which has caused actual exposure or a substantial likelihood of exposure to hazardous waste or hazardous waste constituents; is a chronic or recalcitrant violator; or deviates substantially from the terms of a permit, order, or agreement, or from RCRA statutory or regulatory requirements. The actual or substantial likelihood of exposure should be evaluated using facility-specific environmental and exposure information whenever possible. This may include evaluating potential exposure pathways and the mobility and toxicity of the hazardous waste being managed. However, it should be noted that environmental impact alone is sufficient to cause a facility to be a SNC, particularly when the environmental media affected require special protection (e.g., wetlands or sources of underground drinking water). Facilities should be evaluated on a multi-media basis; however, a facility may be found to be a chronic or recalcitrant violator based solely on prior RCRA violations and behavior.

Site: Any place or entity that generates, transports, treats, stores, or disposes of hazardous waste regulated under RCRA Subtitle C. This term is used to encompass all type of RCRA-regulated entities and is used by WIN/INFORMED to mean all RCRA facilities. (Broader than the term "handler".)

Site Identification Form: The first five pages of the Notification of RCRA Subtitle C Activity Form (EPA Form 8700-12), the RCRA Hazardous Waste Part A Permit Application (EPA Form 8700-23), and the Hazardous Waste Report (EPA Form 8700-13 A/B).

Sludge: Any solid, semi-solid, or liquid waste generated from a municipal, commercial, or industrial wastewater treatment plant, water supply treatment plant, or air pollution control facility exclusive of the treated effluent from a wastewater treatment plant (40 CFR 260.10).

Small Quantity Generator (SQG): A site is a Small Quantity Generator if the generator meets **ALL** of the following criteria:

1. Generates, in any calendar month, more than 100 kg (220 pounds) but less than 1,000 kg (2,200 pounds) of RCRA hazardous waste; **and**
2. Does not generate, in any calendar month, or accumulates at any time, more than 1 kg (2.2 pounds) of acute hazardous waste; **and**

3. Does not generate more than 100 kg (220 pounds) of material from the cleanup of a spill of acute hazardous waste.

OR, a site is a Small Quantity Generator if the site:

1. Generates no more than 100 kg (220 pounds) of RCRA hazardous waste in any calendar month; **and**
2. Did not generate, in any calendar month, or accumulate at any time, more than 1 kg (2.2 pounds) of acute hazardous waste and no more than 100 kg (220 pounds) of material from the cleanup of a spill of acute hazardous waste; **and**
3. Is storing more than 1,000 kg (2,200 pounds) of RCRA hazardous waste on-site. If the site accumulates, at any time, more than 1,000 kg (2,200 pounds) of RCRA hazardous waste, the site must apply for an EPA ID Number using the Site Identification Form.

Small Quantity On-Site Burner Exemption: The persons who burn small quantity of hazardous waste in an on-site boiler or industrial furnace, in accordance with 40 CFR 266.108, are conditionally-exempt from regulation for that activity.

Smelting, Melting, and Refining Furnace Exemption: Under 40 CFR 266.100(c), owners or operators of smelting, melting, and refining furnaces that process hazardous wastes solely for metals recovery are conditionally-exempt from regulation, except for 40 CFR 266.101 and 266.112, provided they comply with limited requirements set forth in 40 CFR 266.100(c). Similarly, 40 CFR 266.100(f) provides that owners or operators of smelting, melting, and refining furnaces that process hazardous wastes for the recovery of precious metals are conditionally-exempt from regulation, except for 40 CFR 266.112, provided they comply with limited requirements specified in 40 CFR 266.100(f).

SNC: *See Significant Non-Complier*.

Sponsor: The primary organization for which a user will be using the RCRAInfo application. The sponsor may be a State, an EPA Region, or EPA Headquarters. The sponsor is used to determine the administrator who should approve a user's initial request for a RCRAInfo account.

SQG: *See Small Quantity Generator*.

SQL: Structure Query Language. SQL is a computer language that approximates the structure of natural English for obtaining information from databases.

State-Regulated TSDF Universe: Includes TSDFs regulated under State standards that are not considered part of the State authorized hazardous waste program, and therefore are not subject to Federal RCRA permit requirements. The universe is split into nine (9) sub-universes indicating type of facility: Land Disposal, Incinerator, BIF, Storage, Treatment, State Waste

Generator, Accumulator or Generator of Universal Waste, State Activity, and Solid Waste Management Unit.

Statutory Citation: Data referred to as Corrective Action Legal Authority in RCRIS is more accurately termed Statutory Citation in RCRAInfo, because it cites a regulation/statute. Using this data will continue to be optional as it was in RCRIS.

"Strange but True" (SBT) Legal/Operating Status Combinations: Some combinations of legal/operating status codes are normally considered programmatically incorrect and are therefore seldom used. However, there are occasions when one of these combinations accurately reflects what is happening at a site. These are called "strange but true" cases.

Subject to Corrective Action Universe: Captures facilities potentially subject to the requirements of RCRA 3004(u), 3004(v), or who may be issued orders pursuant to 3008(h), 3013, and 7003.

Subpart K: An alternative set of generator requirements for managing laboratory hazardous waste at eligible academic entities. Generators that are eligible academic entities with laboratories may elect to opt into 40 CFR Part 262 Subpart K and manage their laboratory hazardous waste under Subpart K in lieu of 40 CFR 262.34(c) (or 40 CFR 261.5 for CESQGs). In order for eligible academic entities to opt into Subpart K or subsequently withdraw from Subpart K, they must use the Site Identification Form to notify the appropriate State or EPA Regional Office. Refer to 40 CFR 262.203 and 262.204. ***Note: You must check with your State to determine if you are eligible to manage laboratory hazardous waste pursuant to 40 CFR Part 262 Subpart K and for any State-specific requirements.***

Subpart P: 40 CFR Part 266, Subpart P is mandatory for the management of hazardous waste pharmaceuticals at all healthcare facilities (except healthcare facilities that are VSQGs) and reverse distributors. The rule became effective August 21, 2019.

Supplemental Environmental Project (SEP): Environmentally beneficial project which furthers EPA's goals to protect and enhance public health and the environment may be part of an enforcement action settlement.

Surface Impoundment: A natural topographic depression, man-made excavation, or diked area formed primarily from earthen materials (though it may be lined with man-made materials) that is designed to accumulate liquid wastes or wastes containing free liquids, and that is not an injection well (40 CFR 260.10).

SWMU: Solid Waste Management Unit.

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Teaching Hospital: A hospital that is owned by or has a formal written affiliation agreement with a college or university. To participate in Subpart K, you are an eligible teaching hospital if you are a hospital that trains students to become physicians, nurses, or other health personnel and is either: 1) owned by a college or university; or 2) has a master affiliation agreement and program letter of agreement, as defined by the Accreditation Council for Graduate Medical Education, with an accredited medical program or medical school.

Temporary RCRA EPA ID Number: A number issued to waste generators and transporters that do not generate waste from on-going industrial processes, but rather generate through remediation or "one-time events", such as plant clean-out, closure, or process equipment change and therefore, the period of operation as a hazardous waste RCRA Subtitle C site is limited and typically short.

Tolling: Tolling arrangements describe a particular type of recycling contract between two companies. Specifically, the "tolling" company certifies that it has a contract with a manufacturer to produce a product, and that manufacturing process generates a residual material that can be recycled by the tolling company. If the tolling company certifies that the contract specifies that the tolling company owns and has responsibility for the recyclable material once it is generated, and the material is returned to the tolling company for reclamation, and subsequently recycled, the material is excluded from regulation (under 40 CFR 261.2(a)(2)(ii) or 261.4(a)(23)), provided certain requirements are met.

TPA: Trading Partner Agreement.

Transfer Facility: Any transportation-related facility including loading docks, parking areas, storage areas, and other similar areas where shipments of hazardous waste are held for 10 days or less during the normal course of transportation (40 CFR 260.10 and 40 CFR 263.12).

Transporter: A person engaged in the off-site transportation of hazardous waste by air, rail, highway, or water.

Treatment, Storage, and Disposal Facility (TSDF): A TSDF, according to 40 CFR 260.10, is a facility that performs one or more of the following functions:

- **Treatment:** Any method, technique, or process, including neutralization, designed to change the physical, chemical, or biological character or composition of any hazardous waste so as to neutralize such waste, or so as to recover energy or material resources from the waste, or so as to render such waste non-hazardous, or less hazardous; safer to transport, store, or dispose of; or amenable for recovery, amenable for storage, or reduced in volume.
- **Storage:** The holding of hazardous waste for a temporary period, at the end of which the hazardous waste is treated, disposed of, or stored elsewhere.
- **Disposal:** The discharge, deposit, injection, dumping, spilling, leaking, or placing of any solid waste or hazardous waste into or on any land or water so that such solid waste or hazardous waste or any constituent thereof may enter the environment or be emitted into the air or discharged into any waters, including groundwaters.

TSD: *See Treatment, Storage, and Disposal Facility*.

TSDF: *See Treatment, Storage, and Disposal Facility*.

TSDFs Only Subject to Corrective Action Under Discretionary Authorities Universe: Consists of TSDFs that are only subject to corrective action under the discretionary corrective action authorities (primarily 3008(h)). Every facility in this universe is outside of the scope of the 3004(u)(v) permitting requirements. The facilities in this universe are only potentially subject to corrective action under discretionary authority - not every facility included in the universe will need corrective action or be required to do corrective action.

TSDFs Potentially Subject to Corrective Action Under 3004(u)(v) Universe: Consists of TSDFs that could potentially be required to address corrective action through the statutory requirements under 3004(u)(v).

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U

Underground Injection Control (UIC): The sub-surface emplacement of fluids through a bored, drilled, or driven well; or through a dug well, where the depth of the dug well is greater than the largest surface dimension. Underground injection wells are regulated under both the Safe Drinking Water Act and the Resource Conservation and Recovery Act (see 40 CFR Part 148).

Unit: For purposes of the Hazardous Waste Report, a process unit refers to a single type of treatment (e.g., tank, distillation column, surface impoundment) in which hazardous waste is treated, disposed, or recycled.

Unit Group: A group of process units regulated under the same permit.

Universal Waste: Any of the following hazardous wastes that are managed under the universal waste requirements of 40 CFR 273:

1. Batteries (40 CFR 273.2);
2. Pesticides (40 CFR 273.3);
3. Mercury-containing Equipment (40 CFR 273.4); and
4. Lamps (40 CFR 273.5).

Universal Waste Generator: A site that meets one of the following criteria:

1. A generator of universal waste; or
2. The owner or operator of a facility, including all contiguous property, that receives universal waste from other universal waste handlers, accumulates universal waste, and sends universal waste to another universal waste handler, to a destination facility, or to a foreign destination.

This designation does **not** mean:

1. A person who treats (except under the provisions of 40 CFR 273.13(a) or (c), or 273.33(a) or (c)), disposes of, or recycles universal waste; or
2. A person engaged in the off-site transportation of universal waste by air, rail, highway, or water, including a universal waste transfer facility.

Universal Waste Transporter: A person engaged in the off-site transportation of universal waste by air, rail, highway, or water.

Universe: A collection of facilities which share a common RCRA status. Facilities are categorized in RCRAInfo by the following universes:

- Federal Generator (LQG, SQG, or CESQG);
- Transporter;
- Universal Waste Generator;
- Universal Waste Destination Facility;
- Recycler;
- Importer;
- Mixed Waste Generator;
- On-site Burner Exemption;
- Furnace Exemption;
- Underground Injection;
- Significant Non-Compliers;
- Beginning of Year Significant Non-Compliers;
- Federally-Regulated TSDFs;
- Converter TSDFs;
- Active Site;
- Permit Progress;
- Permit Workload;
- Closure Workload;
- Post-Closure Workload;
- GPRA Permit Baseline;
- GPRA Renewals Baseline;
- GPRA Corrective Action Baseline;
- Subject to Corrective Action;
- Corrective Action Workload;
- TSDFs Potentially Subject to Corrective Action Under 3004(u)/(v);
- TSDFs Only Subject to Corrective Action Under Discretionary Authority;
- Non-TSDFs Where RCRA Corrective Action Has Been Imposed;
- Human Health Exposure;
- Groundwater Exposure;
- Institutional Control;
- Full Enforcement: or

- Operating TSDF.

Universe Calculations: Database query calculations performed on the RCRAInfo data to populate universe flag values, thus categorizing facilities, in RCRAInfo. This calculation is run every two hours.

Used Oil: Any oil that has been refined from crude oil, or any synthetic oil, that has been used and as a result of such use is contaminated by physical or chemical impurities.

Used Oil Fuel Marketer: Any person who conducts either of the following activities:

1. Directs a shipment of off-specification used oil from their site to an off-specification used oil burner; or
2. First claims that used oil that is to be burned for energy recovery meets the used oil fuel specifications set forth in 40 CFR 279.11.

Used Oil Management Activities: For the purposes of the Site Identification Form, this includes used oil transportation, used oil processing and re-refining, burning off-specification used oil fuel, and used oil fuel marketing.

Used Oil Processing: Chemical or physical operations designed to produce from used oil, or to make used oil more amenable for production of, fuel oils, lubricants, or other used oil-derived products. Processing includes, but is not limited to: blending used oil with virgin petroleum products, blending used oils to meet the fuel specification, filtration, simple distillation, chemical or physical separation, and re-refining.

Used Oil Processor: A site that processes on-specification or off-specification used oil.

Used Oil Re-Refiner: A site that produces lubricating oils and greases, industrial fuel, asphalt extender, gasoline, and other products from on-specification or off-specification used oil.

Used Oil Transfer Facility: Any transportation-related facility, including loading docks, parking areas, storage areas, and other areas where shipments of used oil are held for more than 24 hours during the normal course of transportation and not longer than 35 days. Transfer facilities that store used oil for more than 35 days are subject to regulation under 40 CFR Part 279. Subpart F.

Used Oil Transporter: Any person who transports used oil, any person who collects used oil from more than one generator and transports the collected oil, and owners and operators of used oil transfer facilities. Used oil transporters may consolidate or aggregate loads of used oil for purposes of transportation but with the following exception, may not process used oil. Used oil transporters may conduct incidental processing operations that occur in the normal

course of used oil transportation (e.g., settling and water separation), but that are not designed to produce (or make more amenable for production of) used oil-derived products or used oil fuel.

User Maintenance Administrator: A RCRAInfo user whose permissions for User Maintenance is Active. A User Maintenance Administrator may approve new RCRAInfo users, activate/deactivate RCRAInfo accounts, and revise user profile information.

User Profile State: The state provided in the address portion of the user's profile.

USITS: User Support Issue Tracking System. This provides issue tracking and reporting capability as part of the RCRAInfo application.

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V

Variable IOR: Implemented for data elements in which the responsibilities vary depending on the values of specific data elements.

Violation: An act of non-compliance with RCRA regulatory requirements for proper handling and disposal of hazardous waste and/or record-keeping and/or financial requirements.

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W

WAR Module: *See Waste Activity Reporting (WAR) Module*.

Waste Activity Reporting (WAR) Module: A module in RCRAInfo that houses the data formerly stored in the Biennial Reporting System (BRS). It is an integral part of the Office of Resource Conservation and Recovery's management of the RCRA Subtitle C program and provides the States and EPA with an effective tool for monitoring activities carried out by RCRA-regulated hazardous waste handlers.

Wildcard: A special character used in report selection criteria as part of the text value, to allow pattern matching of values in the selection criteria field. RCRAInfo allows two wildcards: the percent sign (%) and the underscore (_).

WIN: Waste Information Need. This was the original EPA initiative to re-evaluate the RCRA Subtitle C information system. This initiative was combined with the State INFORMED initiative.

WIN/Informed Program Area Analyses (PAA): The WIN/Informed initiative was a joint EPA and State effort to reassess and improve information management with the RCRA's hazardous waste program.

WR Form: *See Form WR.*

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X

Y

Z

Guidance and Definitions

PUBLICLY RELEASABLE DATA

RCRAInfo does not contain any data that is considered Confidential Business Information, however, some data is considered sensitive. Sensitive data must not be released to the public (either electronically or via a report). It is essential for all users of RCRAInfo to be familiar with the methods by which data is extracted to prevent the erroneous publication of sensitive data.

1. ALL data in Handler, Permitting, Corrective Action, CM&E, Financial Assurance, GIS, and Biennial Report is publicly releasable except as noted below.

2. If the Extract to Public flag equals No (HBASIC.EXTRACT_FLAG = 'N'), **NO** data except Biennial Report is publicly releasable.

3. If an enforcement action is deemed enforcement sensitive (see definition), no enforcement data (enforcement action, SEPs, media, milestones, penalties, and/or payments) is publicly releasable.

4. The Internal Notes fields for all tables are considered sensitive and are not publicly releasable.

5. The description for values in a lookup table are not publicly releasable if the usage codes are 2, 4, 6, or 8. In these instances, the description will be set to null. The lookup tables for LU_STAFF and LU_SUBORGANIZATION are not publicly releasable.

Compliance Monitoring and Enforcement

ENFORCEMENT SENSITIVE DEFINITION

***Click here* to see the definition of publicly releasable data.**

Evaluations:

Commitment/initiative information will be considered enforcement sensitive until the commitment/initiative information has been linked to an evaluation. No other evaluation information is considered enforcement sensitive.

Violations:

No violation information is considered enforcement sensitive. That is, all violations are released to the public.

Enforcement Actions:

Civil/Judicial Referrals (enforcement actions within the 400 series) are enforcement sensitive and will only be released once **ALL** of the violations to which they are linked have a Civil/Judicial Action (enforcement actions within the 500 series) indicating that the case has been filed in court. The Civil/Judicial Action enforcement action must have an enforcement action date on or after the enforcement action date of the Civil/Judicial Referral action and the enforcement agency of both actions must be the same.

Criminal Actions (enforcement actions within 700 - 709) and Referrals to Criminal (enforcement actions within 710 - 719) will be enforcement sensitive until **ALL** of the violations to which they are linked have one of the following with an enforcement action date on or after the enforcement action date of the Criminal Action or Referrals to Criminal action and the enforcement agency of both actions must be the same.

1. A Criminal Indictment (enforcement actions within 720 - 729) is issued
2. A Criminal Conviction (enforcement actions with 730 - 739) is issued
3. A Criminal Acquittal (enforcement actions with 740 - 749) is issued

State-to-EPA Referrals (enforcement action 810) and EPA-to-State Referrals (enforcement action 820) will be enforcement sensitive until an enforcement action (any type or series) is entered by the receiving agency with an enforcement action date on or after the enforcement action date of the referral.

Corrective Action

TRACKING CORRECTIVE ACTION ORDERS

RCRA, and similar statutes, allow the EPA and authorized States to issue an order requiring corrective action or such other response measures as deemed necessary to protect human health and the environment from a release of hazardous waste from a regulated facility. These orders, which may be issued unilaterally or on consent, may take a number of forms including administrative orders or consent orders. These orders and similar enforcement tools (e.g., consent agreements or agency approved correction action plans) do not have to be associated with violations of RCRA corrective action requirements. Most often, these enforcement tools are used to provide site-specific requirements and procedures for evaluation, investigation, and clean up, if necessary.

Policy and Procedural Issue (PPI) #24 of the Handler Monitoring and Assistance (HMA) Program Area Analysis (PAA) discussed corrective action enforcement orders as they relate to violations of corrective action requirements. PPI #24 provided guidance regarding the tracking of these enforcement orders in the CM&E Module of RCRAInfo. The HMA PAA further recommended that corrective action orders issued solely for the purpose of implementing corrective action and which were not issued to address violations should not be entered into the CM&E Module. PPI #24 also provides guidance in those instances when an order is issued which addresses violations and also requires corrective action.

In addition, EPA Headquarters has identified the need to identify the types of authorities in use for corrective action. Historical data quality in RCRAInfo is insufficient to accomplish this due to a significant number of "orphaned" events. An orphaned event is an event which is missing an association with either an authority or an area. Current business rules prevent new events from being orphaned. However, a significant number of historical events are orphaned due to inconsistencies in the conversion of historical RCRIS data to the new RCRAInfo format.

The Corrective Action Module of RCRAInfo is designed to record corrective action events associated with site evaluation and remediation of solid waste management units as required by RCRA 3004 (u), (v), 3008(h), 3013, 7003, and similar authorities. Each event is associated with an area and an authority. Where a corrective action order or similar enforcement tool is issued to establish site-specific requirements for site investigation and if necessary, corrective actions, the corrective action order should be recorded as the authority for these events. The corrective action order also serves to initiate the corrective action project, whether in the assessment or investigation phase. Therefore, the initiation of the corrective action process, which is represented in RCRAInfo either by event code CA010 - RFA Initiation or CA100 - Investigation Imposition, should correspond to the issuance of the order.

TRACKING CORRECTIVE ACTION COMPLETION

On February 25, 2003, EPA issued a final guidance entitled "Final Guidance on Completion of Corrective Action Activities at RCRA Facilities." That guidance described two types of Completion of Corrective Action: 1) Corrective Action Complete Without Controls; and 2) Corrective Action Complete With Controls. The guidance suggests that these determinations be made for entire facilities or for portions of facilities, as appropriate. EPA uses this guidance in making completion determinations at RCRA facilities, and will track those determinations.

However, in a number of authorized States, corrective action is not considered complete when an implemented remedy requires long-term maintenance procedures, land-use controls, etc. to maintain performance criteria. These States view these controls as part of corrective action, and must continue to expend RCRA resources to ensure that the controls remain in place.

The completion of corrective action envisioned by the EPA guidance can be further divided into two milestones: 1) the attainment of corrective action performance standards, both with and without controls; and 2) the final completion of the corrective action process. Depending on how the implementer interprets the completion of corrective action, these milestones would occur simultaneously or at different times. This approach provides flexibility and a more accurate picture of the corrective action events in Regions or States who choose to implement their programs in a more stringent manner.

The following nationally-required events have been created to provide flexibility and a more accurate picture of the corrective action events in Regions and/or States who choose to implement their programs in a more stringent manner.

- **CA900 - Corrective Action Performance Standards Attained.** This event signifies that 1) a full set of corrective measures has been defined; 2) the facility has completed construction and installation of all required remedial actions (as indicated by the CA550 event); 3) site-specific media cleanup objectives have been met; and 4) all that remains is performance of required operation and maintenance and monitoring actions, and/or compliance with and maintenance of any institutional controls at the entire facility or a specific area within the facility. This event code includes two status codes: 1) CR - Controls Required; and 2) NC - No Controls Are Necessary, to distinguish between remedies that require long-term controls and those that do not.

- **CA999 - Corrective Action Process Terminated.** This event signifies that corrective action activity as specified in the RCRA permit or enforcement order has been completed. It should be at the discretion of the implementer to determine when this event occurs. For implementers who manage their programs in full conformance with EPA's February 25, 2003 guidance, this event could occur simultaneously with the CA900 event. Implementers that do not consider

corrective action to be complete when controls are required have the option of entering this event at a later time.

USING CORRECTIVE ACTION AREAS

A corrective action area record in RCRAInfo should accurately reflect the area of the RCRA facility where the associated corrective action event has occurred. Many implementers establish a corrective action area record for each solid waste management unit (SWMU) identified at the facility. Other implementers establish area records corresponding to multiple or groups of SWMUs. National guidance with respect to how discrete areas of a corrective action facility should be recorded is inappropriate. It is at the implementer's discretion to determine how best to record these discrete areas.

However, in measuring its progress towards strategic goals for the corrective action program, EPA focuses on the progress of corrective action at the facility level. In other words, key corrective action events in RCRAInfo which are used to measure progress towards strategic targets are reported only if they are associated to the "entire facility" record. As such, a clear and consistent understanding of what is inferred by an event associated to the entire facility record is required.

40 CFR 260.10 defines the "facility", for the purposes of implementing corrective action under 40 CFR 264.101, as all contiguous property under the control of the owner or operator seeking a permit under Subtitle C of RCRA. This definition also applies to facilities implementing corrective action under RCRA Section 3008(h). Adhering to this definition, a corrective action event that is recorded in RCRAInfo as being associated to the entire facility record, implies that the event addresses all contiguous property under the control of the owner or operator. 40 CFR 264.101 also requires the permitted facility to address releases of hazardous constituents that have migrated off-site. In such cases, an association to the entire facility record would also imply that the event addressed off-site releases as well.

In most RCRA corrective action projects, most actions taken during the management of the project do not address the entire facility in this manner. As discussed above, RCRA corrective action projects typically proceed using a phased approach.

Financial Assurance

EXCEPTIONS, ABNORMALITIES, AND CONFIDENTIALITY

What To Do When There Is No Cost Estimate

There may be numerous reasons for a facility to not have a cost estimate that is required for closure, post-closure, or corrective action. This section will explain instances where there may be no cost estimate and how to enter that data into RCRAInfo.

Scenarios that would warrant a zero cost estimate include:

- Closure of all operating units;
- Closure of all post-closure units;
- Facility is deferred to a Federal or State authority that does not require financial assurance;
- Facility has not submitted a cost estimate;
- Corrective action costs are a part of a post-closure or closure costs estimate;
- Post-closure costs are part of a corrective action or closure cost estimate;
- Closure costs are part of a post-closure or corrective action cost estimate;
- Voluntary corrective action, therefore, no financial assurance is required.

Entering a cost estimate with a value of zero is permissible in RCRAInfo, if one of the following Cost Estimate Reasons is used. The table below illustrates which Cost Estimate Reasons can be used with the various Financial Assurance Types.

- **C - Cost Estimate Is Not Required or No Longer Required.** This should be used if a facility: 1) has clean-closed all of their permitted units such that a closure cost estimate is no longer required, 2) clean-closes their post-closure unit and post-closure care is no longer needed, or 3) closes or declares "no further action" for all SWMUs such that corrective action is no longer needed.

- **F - Facility Transferred to a Federal or State Authority That Does Not Require Financial Assurance.** This code should be used if a facility is deferred to an authority that does not require financial assurance. Note: The legal and operating status of the unit(s) or the corrective action event code(s) should reflect the transfer.

- **N - Cost Estimate is Required but Not Submitted.** This code should be used when a facility that is required to have financial assurance for closure, post-closure, or corrective action does not

submit a cost estimate.

- **P - Post-Closure Cost Estimate is Included in Other Cost Estimates.** This code should be used if a facility submits a closure cost estimate or a corrective action cost estimate that includes all the required post-closure costs.

- **T - Corrective Action Cost Estimate is Included in Other Cost Estimates.** This code should be used if a facility submits a closure cost estimate or a post-closure cost estimate that includes all the required corrective action costs.

- **V - Voluntary Corrective Action, No Financial Assurance Required.** This code should be used for voluntary corrective action that does not require financial assurance.

- **X - Closure Cost Estimate is Included in Other Cost Estimates.** This code should be used if a facility submits a post-closure or corrective action cost estimate that includes all the required closure costs.

- **W - Financial Assurance Requirement is Waived.** This code should be used if the implementing agency makes a decision to waive the requirement for financial assurance. The reason for the waiver must be noted in the Notes field.

	Financial Assurance Type					
Cost Estimate Reason	**A - Corrective Action**	**C - Closure**	**P - Post-Closure**	**S - Sudden Third Party Liability**	**N - Non-sudden Third Party Liability**	**B - Sudden and Non-sudden Third Party Liability**
C - Cost Estimate is Not Required or No Longer Required	X	X	X	X	X	X
F - Facility Transferred to a Federal or State Authority That Does Not Require FA	X	X	X	X	X	X
N - Cost Estimate is Required but Not Submitted	X	X	X	X	X	X

P - Post-Closure Cost Estimate is Included in Other Cost Estimates			X			
T - Corrective Action Cost Estimate is Included in Other Cost Estimates	X					
V - Voluntary Corrective Action, No Financial Assurance Required	X					
X - Closure Cost Estimate is Included in Other Cost Estimates		X				
W - Financial Assurance Requirement is Waived	X	X	X	X	X	X

How To Handle Confidential and Sensitive Mechanism Data

EPA Considerations of Confidentiality

In the course of administering EPA programs, agency officials have access to material containing Confidential Business Information (CBI), e.g., trade secrets and proprietary information. Because EPA must protect the rights of those who submit privileged information, employees are required to take all reasonable measures to prevent unauthorized disclosure of CBI. Regulations regarding confidentiality are contained in 40 CFR Part 2, Subpart B. These regulations apply to RCRA as well as other EPA programs.

These regulations identify the proper procedures businesses must employ to claim confidentiality. In addition, these regulations establish the guidelines EPA must use to determine the validity of the claim, and impose rules for handling CBI.

When EPA notifies a business that it must submit confidential information for review, EPA also must notify the business of its right to assert a claim of confidentiality. Businesses responding to EPA's queries must clearly identify all confidential documents, materials, and information. EPA then determines the validity of the CBI claim. Businesses can claim information as confidential if it meets certain criteria, e.g., it has been previously protected as confidential, or it is not reasonably obtainable by others. If a claim is clearly invalid, the program office can make a determination whether the information is entitled to confidentiality (e.g., issue a "clearly not entitled" decision). In response, the submitter may file in district court to enjoin disclosure of the information determined not to be subject to the CBI exemption.

Employees authorized to use CBI are responsible for the control of such information and they may discuss CBI only with other authorized persons. Any violations should be reported immediately. In addition, employees must not discuss CBI over the telephone and when holding confidential information, they must store the confidential materials in an approved container when not in use. Finally, when working with representatives of businesses that have submitted CBI, employees must verify the representatives' identities before discussing any of the confidential information.

State Considerations of Confidentiality

Each State has individual State laws which govern confidential information as well as sunshine laws which allow RCRA operator information to be open for public review. It would be a major undertaking to review each State's confidentiality law and summarize the findings for RCRAInfo financial assurance data or any other data contained in RCRAInfo.

Thus, each State is advised to contact its respective Attorney General Office to best determine what constitutes a CBI claim and whether the State's sunshine law protects this claim from the public. Once a legal decision has been made regarding safeguarding aspects of RCRA financial assurance data, the RCRA regulator should consider which data are appropriate for entering into the Financial Assurance Module.

Data Entry Considerations

Because of confidentiality, regulators may choose to withhold certain financial data from the public such as: the financial institution's name, contact name, and telephone number. Since the State or Federal regulation is the only party with legal authority to access the RCRA financial assurance document, it may be prudent to limit account information for public consumption. State regulators are advised to consult with their respective Attorney General on this issue.

Financial institutions issue a unique identifier to a letter of credit, surety bond, or insurance policy. In instances where the unique identifier is less than four digits, the regulator may decide to issue a "dummy" identifier for the mechanism identification. Each State or Region is advised to consider the best practice for its data entry and document the decision-making, for consistency.

WHEN TO ADD/UPDATE COST ESTIMATES

Inflation Adjustments

For closure and post-closure cost estimates, the owner or operator must maintain cost estimates on-site (see 40 CFR 264.142(d), 264.144(d), 265.142(d), 265.144(d), and 267.142(d)), and must undertake specific actions to ensure that the estimates remain current. For example, during the active life of the facility, the owner or operator must update the closure and post-closure cost estimates annually for inflation, in accordance with 40 CFR 264.142(c), 264.144(c), 267.142(c), and 267.144(c)), and must record, on-site, the date of the most recent inflation adjustment. Since owner and operators are not required to submit cost estimates with annual inflation adjustments to the regulatory agency (under the Federal regulations), entering these adjustments into RCRAInfo are optional. However, If these adjustments are entered into RCRAInfo, they should be entered using "Inflation Adjustment" as the Cost Estimate Reason.

Adjusted Cost Estimates

The regulations in 40 CFR 264.142, 264.144, 267.142, and 267.144 requires an owner or operator to adjust their cost estimates within 30 days of approval of changes to the closure or post-closure plan that increases the cost of these activities. These adjustments should be entered into RCRAInfo using "Revised Cost Estimate" as the Cost Estimate Reason.

Updated Cost Estimates

The regulations for most financial assurance mechanisms require facility owners or operators to update their cost estimates with 60 days prior to the anniversary of the establishment of the mechanism. If the regulatory agency collects information on the amount of a cost estimate and the date of its adjustment, this information may be entered into RCRAInfo using "Revised Cost Estimate" as the Cost Estimate Reason.

Cost Estimates Submitted for Approval

40 CFR 265 does NOT specifically require that the cost estimates be submitted for approval, however, some States do approve cost estimates and if so, they should enter this information info RCRAInfo.

The regulations for permitted facilities DO require that the initial cost estimate be approved as part of the permit; this approval is required to be entered into RCRAInfo.

Financial Tests and Corporate Guarantees

Owners or operators of facilities using a financial test or corporate guarantee mechanism are required to submit documentation demonstrating their ability to pass the test within 90 days after the close of

the firm's fiscal year. Current cost estimates will be shown in the Chief Financial Officer's letter that must be submitted with the financial test documentation (see 40 CFR 264.151(f)(1) and (g)(1)).

Liability Amounts

Liability amounts are imposed on an owner or operator. These are not adjusted for inflation, but can be adjusted for the degree and duration of risk.

DEADLINES DEPENDENT ON EFFECTIVE DATE

Activity	Mechanism	Deadline
Adjust Closure Cost Estimate for Inflation During the Active Life	Trust Fund, Surety Bonds, and Letters of Credit	Within 60 days prior to the anniversary date of the establishment of the mechanism.
	Financial Test and Corporate Guarantee	Within 30 days after the close of the provider's fiscal year. Note: The cost estimate is due 60 days before the deadline for the provider to submit updated financial test information.
Adjust Post-Closure Cost Estimate for Inflation During the Active Life	Trust Fund, Surety Bonds, and Letters of Credit	Within 60 days prior to the anniversary date of the establishment of the mechanism.
	Financial Test and Corporate Guarantee	Within 30 days after the close of the provider's fiscal year. Note: The cost estimate is due 60 days before the deadline for the provider to submit updated financial test information.
Annual Valuation of Trust (not required for a Standby Trust)	Trust Fund	At least 30 days prior to the anniversary date of the establishment of the trust.
Update Information to the Permitting Authority (including notification that the company no longer qualifies for the Financial Test)	Financial Test and Corporate Guarantee	Within 90 days prior to the close of each succeeding fiscal year.

REPLACEMENT AND EXPIRATION DEADLINES

Closure and Post-Closure

Event	Mechanism	Replacement Deadline	Expiration Date
Receipt of notice of cancellation by both the permitting authority and the owner / operator	Surety Bond Guaranteeing Payment or Performance	Owner or operator has 90 days to provide replacement mechanism	120 days after the receipt of a notice of cancellation by both the permitting authority and the owner / operator
Issuing institution notifies both the owner or operator and permitting authority by certified mail of a decision not to extend the expiration date	Letter of Credit	Owner or operator has 90 days to provide replacement mechanism	Use expiration date from the letter of credit. This only applies if the permitting authority receives a notice that the financial institution will not extend the letter of credit. This notice needs to be received by both the regulated site and the regulator by certified mail at least 120 days prior to the expiration date otherwise it is automatically renewed for at least one year.
Insurer sends notice that is intends to cancel, terminate, or fail to renew	Insurance	Insurer sends notice at least 120 days prior to cancellation, termination, or intent not to renew the policy	120 days after the receipt of notice of cancellation by both the regulator and the insured
Notification that an owner or operator no longer qualifies to use the financial test	Financial Test	Owner or operator has 120 days after the close of the fiscal year to provide replacement	120 days after the close of the fiscal year

		mechanism	
Notification that a guarantor no longer qualifies to use the financial test	Guarantee	Owner or operator has 120 days after the close of the fiscal year to provide replacement mechanism	
Notification that a guarantor intends to discontinue its guarantee	Guarantee	Owner or operator has 90 days to provide replacement mechanism	
Notification that a guarantor intends to discontinue its guarantee	Guarantee	If the owner or operator fails to provide replacement mechanism within 120 days, the guarantor must provide an alternate mechanism	

Liability

Event	Mechanism	Replacement Deadline	Expiration Date
Written notice of cancellation of insurance	Insurance		60 days after date of receipt of written notice
Other notice of termination	Insurance		30 days after date of receipt of written notice
Issuing institution notifies the permitting authority by certified mail of a decision not to extend the expiration date	Letter of Credit		120 days after date of receipt of written notice
Receipt of a notice of cancellation by the permitting authority	Surety Bond		120 days after date of receipt of written notice
Owner or operator no longer qualifies to use the financial test	Financial Test	Owner or operator has 90 days after the close of the fiscal year to provide replacement	90 days after the close of the fiscal year

		mechanism	
Guarantor notifies that it no longer meets the requirements of the financial test 40 CFR 264.151(h)(2)	Guarantee	Owner or operator has 120 days after the close of the fiscal year to provide replacement unless the owner or operator provides an alternative	120 days after the close of the fiscal year unless the owner or operator provides an alternative
Guarantor with a substantial business relationship sends notice to terminate guarantee 40 CFR 264.151(h)(2)	Guarantee		120 days after date of receipt of written notice

Permitting

CODING OF PERMITS AND RENEWALS

Due to differences in State practices, the use of modifications, and the appeal of permits, determining when a permit becomes effective and therefore, when it expires carries the potential for difficultly. In the past, the tools needed to track renewals were not present. With recent changes to RCRAInfo and the addition of permitting event codes, the tools are now available. The use of current nationally- and regionally-defined event codes allows for the accurate tracking of permits and their lifespan.

In order to more efficiently and accurately track the permit life cycle - especially the renewal portion - the permit event codes below have been provided.

Using the appropriate code will assist in the development of future staffing requirements for handling renewals, and the development of grant commitments to ensure timely coverage of renewals, and give EPA the ability to better answer inquiries into the permitting workload. The other main tool to be used in delineating permit renewals is Permit Series. By creating a new series for renewals, and including the word "renewal" in the name, the tracking of renewals becomes much easier.

OP020RN - Permit Renewal Application Received

The OP020RN event allows for the tracking of permit renewal applications. It is important to know which units are being renewed when the renewal is submitted. An application must be submitted 180 days prior to the expiration of a permit to administratively extend the permit. This event should be entered with the actual date the application is received by the agency.

OP200 - Final Determination (sometimes used as Permit Date)

The Final Determination event should be used to show which decision was finally made on the permit application. Because of permit appeals, permit denials, and statutory language, the Final Determination Date is not the best Permit Effective Date.

OP205 - Final Permit Effective (sometimes used as Permit Date)

The Final Permit Effective event allows the user to record when a permit has become final and effective. Use of this code is, therefore, recommended to show the start day of the ten-year life of most permits.

OP210 - Determination Appealed
OP220 - Appeal Settled

These events should be used any time a Permit Final Determination is appealed. While the event falls after the Permit Effective event numerically, these codes should occur prior to the Permit Effective event. Use of these events helps explain the seemingly long period, in some instances, between the

Final Determination and the Permit Effective Date.

OP260 - Permit Termination

The Permit Termination event should be used in all instances where a permit has been terminated by EPA. This code is not the same as the Permit Expires code. The legal status of any units attached to a terminated permit should change to PT.

OP270 - Permit Expires

This event should be used with a scheduled date to show when a permit is set to expire. This event should be used in conjunction with the Permit Effective event. For example, if an OP205 dated 10/28/2002 is entered and set to expire in 10 years, at the same time, an OP270 with a scheduled date of 10/28/2012 should also be entered. This allows data users in the future to determine when each permit expires without reviewing all of the data and running calculations on the Permit Effective Date. If a permit is not renewed, this code should be used with an actual date and the legal status of the units should change to PT.

OP315 - Intends to Close Permitted Unit

If a facility notifies the State agency of closing or closed units, but the facility has not submitted a Closure Plan, use this event to change the operating status of the units from Operating to Inactive. This change helps in the calculation of the current Permit and Closure Workload universes by moving closing units from the realm of the operating units to the closure units.

PERMIT MODIFICATIONS

Permits issued pursuant to RCRA are continuously being modified in accordance with 40 CFR 270.41 and equivalent State requirements to address changes in facility conditions. Although RCRAInfo is structured to provide for the tracking of these modifications, the style and manner used varies across the user community. The Permitting and Corrective Action (PCA) Program Area Analysis (PAA) identified the following events that occur during the processing of a permit modification and have established codes OP/PC230 through OP/PC245 to record these events.

- OP/PC230 - The receipt of a modification request from the regulated facility.
- OP/PC231 - A classification of the modification requested in accordance with 40 CFR 270.41.
- OP/PC232 - The issuance of a notice of deficiency regarding the permit modification request by the responsible agency.
- OP/PC233 - The receipt of a revised permit modification request in response to a notice of deficiency.
- OP/PC235 - A determination that the permit modification is complete and technically adequate.
- OP/PC236 - Public notice of the draft permit modification or intent to deny.
- OP/PC237 - Public hearing(s) on the draft permit modification or intent to deny.
- OP/PC240/245 - A final determination regarding the permit modification.

Application Help

Frequently Asked Questions

FREQUENTLY ASKED QUESTIONS - HANDLER SEARCH

Below are frequently asked questions related to handler searches. Please also refer to the Handler Search User's Guide for guidance and answers.

- The search is not returning the handler Id that I provided
- The search is not returning all of the expected handlers
- How do I return to my search results

THE SEARCH IS NOT RETURNING THE HANDLER ID THAT I PROVIDED

Conducting a handler search using the Handler Id is the fastest and most effective way to search for a handler. If you have provided the Id and the search produces no results, check for the following:

- The Handler Id provided is correct (no typographical errors)
- The State drop-down list is set to the State associated with the Handler Id provided
- No other search criteria is provided that is interfering with the ability to locate the handler

THE SEARCH IS NOT RETURNING ALL OF THE EXPECTED HANDLERS

Sometimes it can be difficult to find handlers that you know exist within RCRAInfo. This can be caused by inconsistent data entry, typographical errors, and/or bad search criteria. For example, a Handler Name search of "Safety Kleen" will NOT return handlers where the Handler Name is "Safety-Kleen", yet you are likely to want to see those handlers also. A better search would be to search only on "Kleen". This search would return handlers with a name of "Safety Kleen" or "Safety-Kleen" (as well as other handler names with the word "kleen" in it). In general, if the search results do not contain all of the handlers that you expected, make your criteria more lenient (i.e., "MAIN" instead of "MAIN STREET"; "TALLA" instead of "TALLAHASSEE", "1st" instead of "FIRST" or vice versa, "ST JAMES" instead of "ST. JAMES" etc.). Turning on the Historical Search by moving the Yes/No slider box to "Yes" may also help you find a handler.

HOW DO I RETURN TO MY SEARCH RESULTS

If you select a handler from the search results page then find that is not the handler that you were looking for, you can return to your previous search results by clicking the "Search Results" link in the bread crumbs at the top of the page.

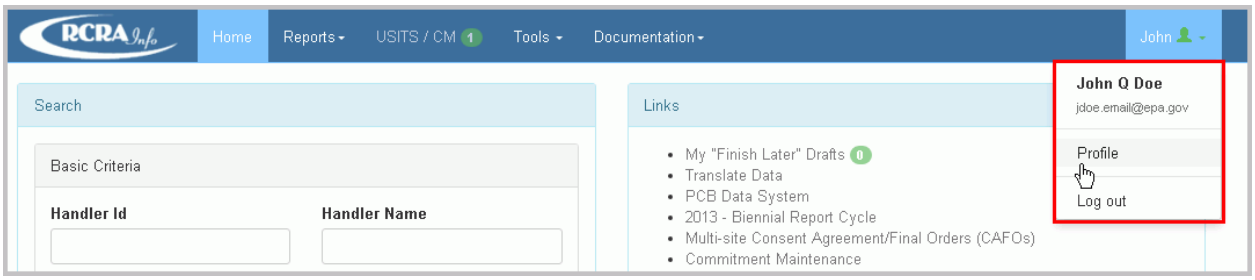
FREQUENTLY ASKED QUESTIONS - USER MAINTENANCE

Below are frequently asked questions related to user maintenance. Please also refer to the User Maintenance User's Guide for guidance and answers.

- How do I change my password?
- Can I change my User Id/Email address?
- How do I unlock my account?
- What is the difference between the User Maintenance permission and the Industry User Maintenance permission?

HOW DO I CHANGE MY PASSWORD?

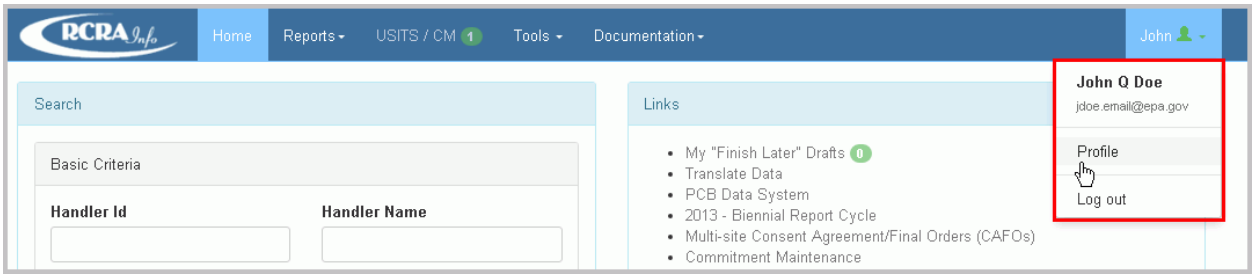
To change your password, go to the My Profile screen by clicking your name in the upper right-hand corner of the screen and selecting "Profile".



Click the "Change Password" button. For additional information, click here. ***Note: If your password has expired, you will be prompted to change it from the Login page.***

CAN I CHANGE MY USER ID/EMAIL ADDRESS?

Yes. To change your email, go to the My Profile screen by clicking your name in the upper right-hand corner of the screen and selecting "Profile".



Click the "Change Email" button. For additional information, click here.

HOW DO I UNLOCK MY ACCOUNT?

If your account is locked because of an Administrator action (i.e., an Administrator has deactivated your account), you must contact an Administrator to unlock (i.e. re-activate) your account.

If your account is locked because you entered an invalid password more than 3 times, you will receive the message "Your account has been locked. An e-mail has been sent to you to reset your password." Click the link follow the instructions provided in the e-mail to unlock your account and reset your password.

WHAT IS THE DIFFERENCE BETWEEN THE USER MAINTENANCE PERMISSION AND THE INDUSTRY USER MAINTENANCE PERMISSION?

The User Maintenance permission pertains to the administration of RCRA users - EPA and State Regulators that are accessing and/or processing information as the regulatory authority for the implementation and oversight of RCRA Subtitle C. The Industry User Maintenance permission pertains to the administration of Industry users - Individuals representing hazardous waste sites that are providing information to EPA and/or their State Regulatory authority. The user maintenance features and functionality may differ between a RCRA user and an Industry user. A User may have both the User Maintenance permission and the Industry User Maintenance permission, if appropriate.

User's Guide

USER INTERFACE CONTROLS

This topic will show you how to interact with the user interface controls utilized in RCRAInfo. These controls include:

- Calendars
- Radio Buttons
- Drop-down Lists
- Yes/No Slide Boxes
- Multi-select Drop-down List / Checkbox Combos
- Edit Icon
- Delete Icon
- Application Time Out

CALENDARS

The Calendar control may be used to enter a date into any appropriate date field. Examples of date fields on the Site Identification Form include Receive Date, Date the Owner/Operator Became Current, and Certification Date.

Using a Mouse

1. Left-click inside the box representing the date field.
2. A monthly image of the calendar will appear. If the date field is currently empty, the calendar image will show (in peach) today's date. If the date field is populated, the calendar image will show (in blue) the current value of the date field.
3. If the date you wish to select is within the month/year displayed, left-click the day of interest.
4. If the date you wish to select is not within the month/year displayed, left-click the left-hand arrows for dates in the past or the right-hand arrows for dates in the future of the current selected value. These arrows can be found on either side of the Month and Year displayed at the top of the calendar image. You can also scroll through the calendar a year at a time by clicking the Month and Year displayed at the top of the calendar image, and using the arrows to change the year.
5. As you click the arrows, the calendar image will move forward (right-hand arrows) or back (left-hand arrows) one month (or one year if the year view is active). Continue to click these arrows until the desired month/year is displayed.
6. Left-click the day of interest.
7. The date selected will be displayed in mm/dd/yyyy format.

Using the Keyboard

1. Tab inside the box representing the date field.
2. A monthly image of the calendar will appear.
3. Using the arrow keys, maneuver to the date of interest and press "enter" or in mm/dd/yyyy format type in the date of interest. ***Note: You do not need to enter leading zeros, but you must enter the "/" between the month and day, and day and year. If you enter a two-digit year, years 00 - 49 will default to the twenty-first century (i.e., 20XX), whereas, years 50 - 99 will default to the twentieth century (i.e., 19XX).***
4. If you type in a valid day (1 - 31) but the day is not valid for that month (i.e., 04/31/2016), the date will be set to the next valid date (in this case 05/01/2016). If you type in an invalid month (i.e., a value less than 1 or greater than 12) or an invalid day (i.e., a value less than 1 or greater than 31), "Invalid date" will be displayed in the date field.

RADIO BUTTONS

The Radio Button control is used when you must select one and only one value of a list of values. An example of a radio button on the Site Identification Form is the Reason for Submittal.

Using a Mouse

1. Left-click the circle next to the value you wish to select.

Using the Keyboard

1. Tab to the radio button.
2. Using the arrow keys, maneuver to the value of interest. In a list that is presented vertically, the up and/or left arrow will move to the value above the current value; the down and/or right arrow will move to the value below the current value.

DROP-DOWN LISTS

The Drop-down List control is used to allow the user to select a value from a pre-determined list of values. Examples of drop-down lists on the Site Identification Form are Non-notifier, County, and State District.

Using a Mouse

1. Left-click inside the field to reveal the list of values.
2. Move the mouse until the value of interest is highlighted.
3. Left-click to select the highlighted value.

Using the Keyboard

1. Tab inside the box representing the drop-down list.
2. Press the spacebar to display the drop-down list values.
3. Use the up and down arrows to highlight the value of interest.
4. Press "Enter" to select the value.

YES/NO SLIDE BOXES

The Yes/No Slide Box control is used for data that must have either a Yes or No value. Examples of slider boxes on the Site Identification Form are Extract to Public, Recycler of Hazardous Waste, and Underground Injection Control.

Using a Mouse

1. Left-click inside the box to toggle to the value (i.e., if the box is set to "No" it will change to "Yes" and vice versa).

Using the Keyboard

1. Tab to the slide box.
2. Use the left arrow to select "No" and the right arrow to select "Yes".

MULTI-SELECT DROP-DOWN LIST / CHECKBOX COMBOS

The Multi-select Drop-down List / Checkbox Combo control is used for fields where you may select one or more values at a time. Examples of this control on the Site Identification Form are Transporter of Hazardous Waste, State Activity, and Waste Codes.

Using a Mouse

1. Left-click inside the field to reveal the list of values.
2. Left-click one or more checkboxes next to the values of interest. The left-click acts as a toggle, so if the value is already checked, clicking it again will un-check the value.
3. To select a group of values, left-click the checkbox of the first value in the group, then while pressing the "Shift" key, scroll down to the last value in the group and left-click the checkbox.
4. To remove a value from a group, left-click the checkbox of the value to remove, or click the "x" next to the value in the "Selected" box.

Using the Keyboard

1. Tab inside the box representing the drop-down list.

2. Press the spacebar to display the drop-down list values.
3. Use the up and down arrows to highlight the value of interest.
4. Press "Enter" or the spacebar to select the value.

EDIT ICON

In various situations, you will be presented with a pencil icon. You will use this icon to edit the data next to the icon. Examples of this on the Site Identification Form include Owner, Operator, and Certification.

Using a Mouse

1. Left-click the pencil icon to edit the related data.

Using the Keyboard

1. Tab to the pencil icon.
2. Press "Enter" to edit the related data.

DELETE ICON

In various situations, you will be presented with an icon that looks like an "X". You will use this icon to delete the data next to the icon. Examples of this on the Site Identification Form include NAICS, Owner, and Waste Codes.

Using a Mouse

1. Left-click the "X" icon to delete the related data.

Using the Keyboard

1. Tab to the "X" icon.
2. Press "Enter" to delete the related data.

APPLICATION TIME OUT

If the application has been inactive (i.e., you have not interacted with the application in any way) for 20 minutes, you will be prompted to stay connected by clicking the "Stay Connected" button.

Search

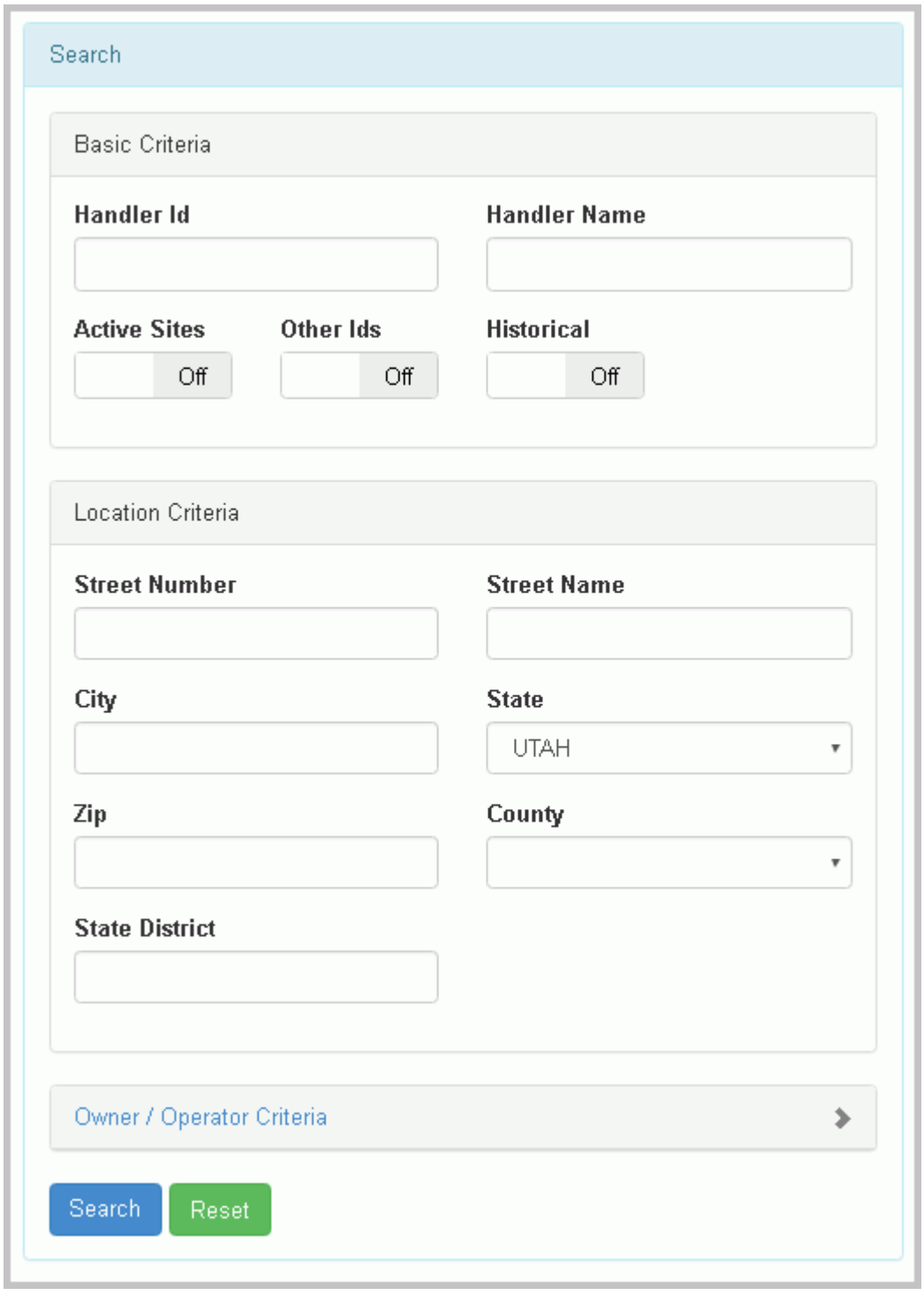
HANDLER SEARCH

In order to view, add, update, and/or delete data for a particular handler, the user must identify the handler of interest. All handlers are identified with a unique Site Identification Number, however, the user may not know this number. RCRAInfo provides a mechanism by which you can search for handlers using the Site Identification Number as well as other information including the Handler Name, Location Address, and Owner/Operator information. Topics included are:

- How to Search for a Handler - How to specify various search criteria and how the criteria is evaluated
- Unsuccessful Searches - What does an unsuccessful search look like
- Successful Searches - What does a successful search look like
- Active Sites Search - How to search on active sites only
- Other Id Search - How to search on Ids other than the EPA Site Identification number
- Historical Search - How to search for information that is not the most recent information for a handler

SEARCH

The Handler Search mechanism is located on the "Handler" tab of the RCRAInfo Home Page. The search will, by default, search for handlers in the State associated with your Sponsor. If your Sponsor is not associated with a State (i.e., EPA Region or Headquarters), the search will, by default, search the entire nation. To conduct a search in a different State, select the appropriate State from the drop-down list provided.



Specifying the handler's Site Identification Number is the fastest and most effective way to find a given handler. If you know the handler's Site Identification Number, enter the number in the Handler Id box. ***Note: Search criteria provided is case insensitive. That is, ALD000000000 will provide the same search results as ald000000000.***

If you do not know the handler's Site Identification Number, provide information for one or more of the other search criteria. All searches are based on an "*and*" condition between criteria; this means that **all** criteria must be satisfied for the handler to be included in the results list. Text fields are searched by removing the white space from the field then searching for the value specified anywhere within the field. For example, searching for "main" in the Street Name would find "11 MAIN ST", "MAINTENANCE AVE", or "STIGMA INTERSTATE" in the Street Name field. ***Exception: If you specify a Handler Id (or part of a Handler Id), the search will only return handlers that have a Handler Id that STARTS WITH the value provided.*** All searches are conducted on the most recent information associated with a handler unless the Historical box is set to "Yes" (see below for additional information regarding this setting).

Wildcards may also be used for searches within text fields (i.e., Handler Id, Handler Name, Street Number, Street Name, City, Zip, and State District). The "%" (percent sign) is used to denote one or more characters that are unknown or missing. A search of "A%Z" in the handler name will return all handlers whose name contains an "A" and a "Z" and the "A" must occur prior to the "Z" (examples include "**A**UTO**Z**ONE", "M**AZ**DA" but would not include "**Z**IPPY M**A**RT"). The "_" (underscore) is used to denote exactly one character. A search of "A_Z" in the handler name will return all handlers whose name contains an "A" and a "Z" with exactly one character between them (examples include "**A**K**Z**O NOBEL COATINGS" and "MIL**A**Z**Z**O CLEANERS").

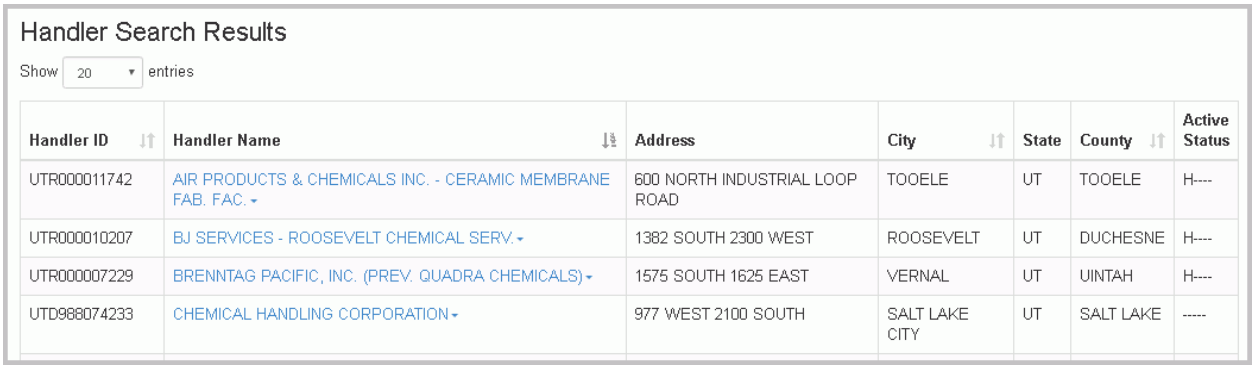
Once you have provided your search criteria, click "Search".

UNSUCCESSFUL SEARCH

If the criteria that you provide does not yield any results, the Handler Search Results page will indicate that no handlers were found. You can either return to the home page to conduct another search, or click the "Create New Handler" button to enter a new handler into RCRAInfo. You must have the appropriate privileges for the Handler module (Add/Update, Delete, or Admin) in order to create a new handler. ***Note: Site Identification Numbers are assigned by location, so it is imperative that you conduct several searches before creating a new handler to ensure that a Site Identification Number has not already been created for this location.***

SUCCESSFUL SEARCH

Handlers found for the search criteria provided will be displayed on the Handler Search Results page. The page will show the Handler Id, Handler Name, Location Address (which is a concatenation of the Street Number, Street Line 1, and Street Line 2 fields), City, State, County, and Active Site Status. Depending on your screen size, some of these columns may be "hidden". To see the hidden information, click the badge with the plus sign next to the handler of interest.


Handler Search Results

Show 20 entries

Handler ID	Handler Name	Address	City	State	County	Active Status
UTR000011742	AIR PRODUCTS & CHEMICALS INC. - CERAMIC MEMBRANE FAB. FAC.	600 NORTH INDUSTRIAL LOOP ROAD	TOOELE	UT	TOOELE	H----
UTR000010207	BJ SERVICES - ROOSEVELT CHEMICAL SERV.	1382 SOUTH 2300 WEST	ROOSEVELT	UT	DUCHESNE	H----
UTR000007229	BRENNTAG PACIFIC, INC. (PREV. QUADRA CHEMICALS)	1575 SOUTH 1625 EAST	VERNAL	UT	UINTAH	H----
UTD988074233	CHEMICAL HANDLING CORPORATION	977 WEST 2100 SOUTH	SALT LAKE CITY	UT	SALT LAKE	-----

The results are sorted by Handler Name, but you may re-sort the results set by clicking the arrows next to the column of interest. The arrows act as a toggle between ascending order and descending order. To sort by more than one column, click the arrows next to the column for the primary sort, then, while holding down the <shift> key, click the arrows next to the column for the secondary sort.

The first 20 handlers found will be displayed. You can change the number of handlers displayed on each page by selecting a value from the "Show entries" drop-down list. You can page through the results by using the "Previous" and "Next" buttons, as well as specific page numbers at the bottom of the page.

If the handler that you were searching for appears in this result set, click the appropriate Handler Name link and choose the module that you want to navigate to. If the handler that you were searching for is not displayed, see Unsuccessful Search above. If you select a handler, then determine that it is not the correct handler, you may return to previous handler search results by using the bread crumbs at the top of the page.

ACTIVE SITE

Users may choose to restrict the search to handlers that are active hazardous waste sites according to RCRAInfo's Active Sites flag. RCRAInfo uses the Active Sites flag, also known as the HPACS (**H**andler, **P**ermitting, Corrective **A**ction, **C**onverter, and **S**tate Activities) flag, to track whether a handler is an active hazardous waste site according to the most current data provided. If a site conducts any of these five activities, the corresponding letter will appear in

the site's Active Sites flag. For example, a site that conducts handler activities and corrective action activities will have a value of "H-A--".

To conduct a search on active hazardous waste sites, slide the Active Sites box to "On". The search results will only display sites that contain one or more letters in the Active Sites flag and match any other search criteria provided. ***Note: The Active Site designation is meant to indicate whether a site is likely an active or inactive site, but has no legal significance.***

OTHER ID

RCRAInfo allows for tracking of site identification numbers other than the EPA Site Identification Number. To include these other site identification numbers in the search, slide the Other Id box to "On". ***Note: The Other Id setting ONLY affects the results of the search if the Handler Id is provided as part of the search criteria.***

HISTORICAL

Historical information is captured and maintained for a given Handler Id. Since a Handler Id is associated with a physical location, historically, a Handler Id may have many Handler Names associated with it. To include historical information in your search (i.e., not limiting the search to the most recent information), slide the Historical box to "On". The search results may have multiple records for the same Handler Id, if multiple historical records meets the selection criteria. It is immaterial which handler name you select for a given Handler Id. ***Note: You cannot do a search with both the Other Id and Historical settings set to "On".***

E-MANIFEST SEARCH

The e-Manifest Search allows you to search for manifests meeting the criteria provided. To conduct a manifest search, go to the "e-Manifest" tab of the RCRAInfo Home Page. You must provide search criteria for the Manifest Tracking Number, Site Type/Handler ID, or Date Range Type/Date Range. Other optional search criteria includes the Status. Specify the desired criteria and click "Search". The manifest must meet the condition of **ALL** of the search criteria specified to appear in the results set. From this results set you may view the full manifest or view the waste summary information.

Additional instructions for specifying criteria for a Handler ID and Date Range are provided below.

HANDLER ID

To specify a Handler ID, you must first indicate the Site Type (Generator, Transporter, or TSDF) that you want to search. For example, if you select a Site Type of "Generator" and provide the Handler ID of "ALR000000000", manifests in which this site is a party to and the generator on the manifest is "ALR000000000' will be returned. If you do not know the Handler ID for the site for which you want to search, you may click the "Find Handler" link below the Handler ID text box. A pop-up window will be displayed allowing you to search for the handler by Handler Name and/or Location Address (Street, City, Zip, State). Click the Handler ID of the appropriate handler, if found, from the results set to populate the Handler ID text box on the primary search screen.

DATE RANGE

To specify a Date Range, first indicate the date in which you want to search against (Shipped, Received, Certifier, Last Updated). Next, indicate if you want to search within the last 30, 90, or 180 days. You may specify a specific date range by selecting "Custom" and providing a Start and End Date. It is recommended that you use as small of date range as is practical.

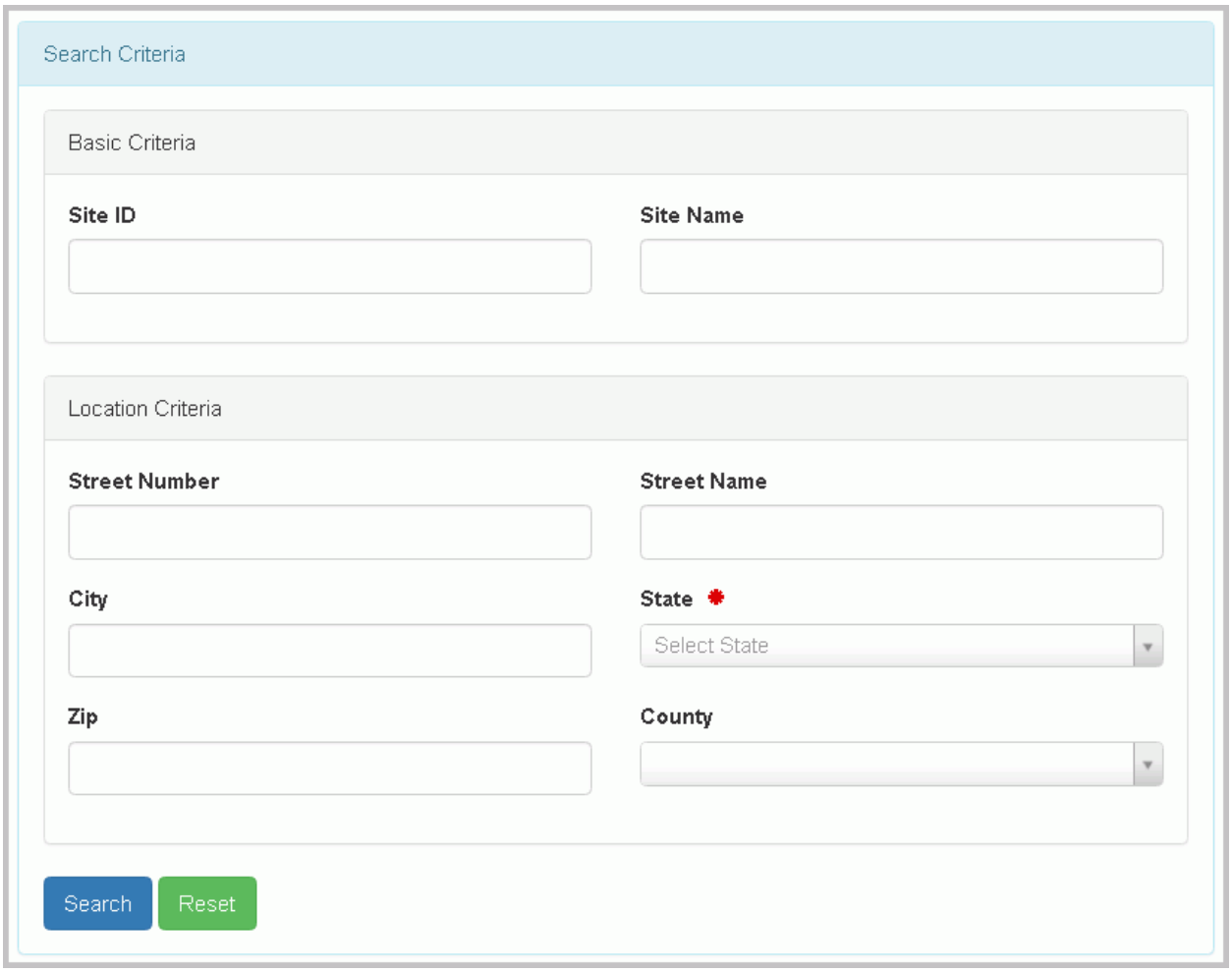
PCB SITE SEARCH

In order to view, add, update, and/or delete PCB data for a particular site, the user must identify the site of interest. All sites are identified with a unique Site Identification Number, however, the user may not know this number. RCRAInfo provides a mechanism by which you can search for sites using the Site Identification Number as well as other information including the Site Name and Location Address. Topics included are:

- How to Search for a Site - How to specify various search criteria and how the criteria is evaluated
- Unsuccessful Searches - What does an unsuccessful search look like
- Successful Searches - What does a successful search look like
- How to Search for a Site within RCRAInfo - How to search for a site within RCRAInfo if you are unable to fight within the PCB module

SEARCH

The Site Search mechanism is located on the PCB tab of the RCRAInfo Home Page. You must specify the State in which the site is located, as denoted by the red asterisk, by selecting the appropriate State from the drop-down list provided.



Specifying the site's Site Identification Number is the fastest and most effective way to find a given site. If you know the site's Site Identification Number, enter the number in the Site Id box. ***Note: Search criteria provided is case insensitive. That is, ALD000000000 will provide the same search results as ald000000000.***

If you do not know the site's Site Identification Number, provide information for one or more of the other search criteria. All searches are based on an "*and*" condition between criteria; this means that **all** criteria must be satisfied for the site to be included in the results list. Text fields are searched by removing the white space from the field then searching for the value specified anywhere within the field. For example, searching for "main" in the Street Name would find "11 MAIN ST", "MAINTENANCE AVE", or "STIGMA INTERSTATE" in the Street Name field. ***Exception: If you specify a Site Id (or part of a Site Id), the search will only return sites that have a Site Id that STARTS WITH the value provided.***

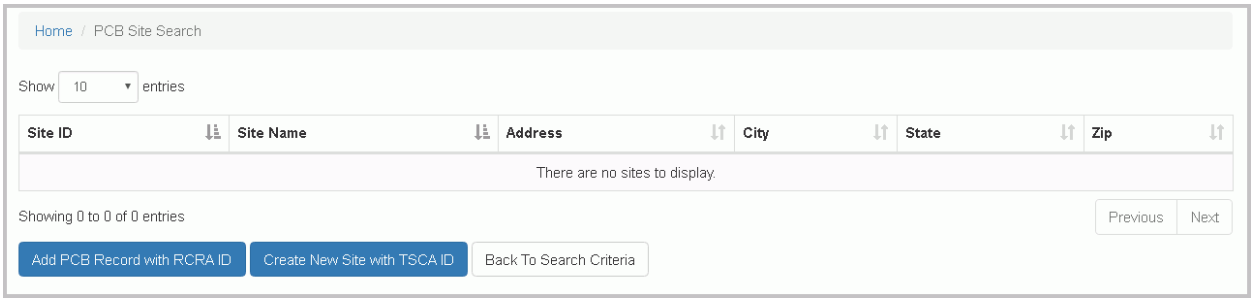
Wildcards may also be used for searches within text fields (i.e., Site Id, Handler Name, Street Number, Street Name, City, and Zip). The "%" (percent sign) is used to denote one or more characters that are unknown or missing. A search of "A%Z" in the site name will return all sites

whose name contains an "A" and a "Z" and the "A" must occur prior to the "Z" (examples include "**A**UTO**Z**ONE", "M**AZ**DA" but would not include "**Z**IPPY M**A**RT"). The "_" (underscore) is used to denote exactly one character. A search of "A_Z" in the site name will return all sites whose name contains an "A" and a "Z" with exactly one character between them (examples include "**A**K**Z**O NOBEL COATINGS" and "MIL**A**Z**Z**O CLEANERS").

Once you have provided your search criteria, click "Search".

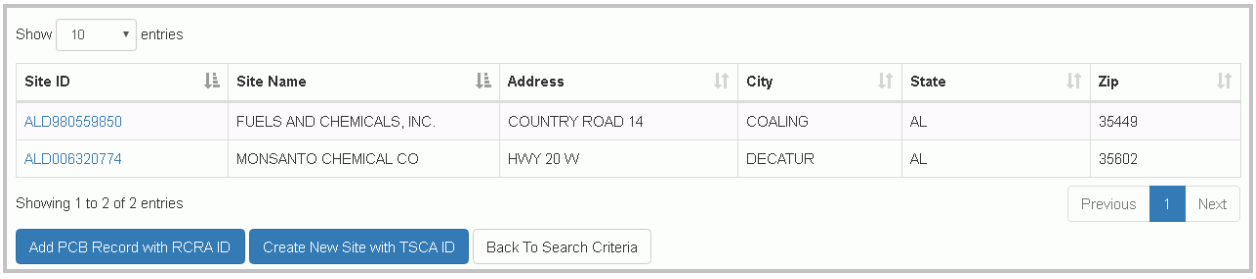
UNSUCCESSFUL SEARCH

If the criteria that you provide does not yield any results, the Sites Search Results page will indicate that no sites were found. You can either return to the home page to conduct another search, or click the "Add PCB Record with RCRA ID" or "Create New Site with TSCA ID" buttons to enter a new site. ***Note: Site Identification Numbers are assigned by location, so it is imperative that you conduct several searches before creating a new site to ensure that a Site Identification Number has not already been created for this location.***



SUCCESSFUL SEARCH

Sites found for the search criteria provided will be displayed on the Sites Search Results page. The page will show the Site Id, Site Name, Location Address (which is a concatenation of the Street Number, Street Line 1, and Street Line 2 fields), City, State, and Zip. Depending on your screen size, some of these columns may be "hidden". To see the hidden information, click the badge with the plus sign next to the site of interest.



The results are sorted by Site Name, but you may re-sort the results set by clicking the arrows next to the column of interest. The arrows act as a toggle between ascending order and descending order. To sort by more than one column, click the arrows next to the column for the primary sort, then, while holding down the <shift> key, click the arrows next to the column for the secondary sort.

The first 10 sites found will be displayed. You can change the number of sites displayed on each page by selecting a value from the "Show entries" drop-down list. You can page through the results by using the "Previous" and "Next" buttons, as well as specific page numbers at the bottom of the page.

If the site that you were searching for appears in this result set, click the appropriate Site ID link. If the site that you were searching for is not displayed, see Unsuccessful Search above or Site Search Within RCRAInfo below for additional information. If you select a site, then determine that it is not the correct site, you may return to previous site search results by using the bread crumbs at the top of the page.

SITE SEARCH WITHIN RCRAINFO

The search that is conducted from the PCB Tab ***only searches for sites within the PCB module***. If searching for a site within the PCB module is unsuccessful, you should determine if the site has been assigned a RCRA identification number before creating a TSCA identification number. To do this, click the "Add PCB Record with RCRA ID" button from the search results screen. A Search pop-up window will be displayed populated with the same search criteria that you used to search the PCB module. You may add, change, or delete this search criteria as necessary, then click the "Search" button. The pop-up window will be displayed showing the Search Results and functions similarly to the PCB Search Results screen. If the site you are searching for is displayed, click the appropriate Site ID link.

Handler

INTRODUCTION

The U.S. Environmental Protection Agency's (EPA's) mission to protect human health and the environment includes the responsibility to effectively manage, with the States, the nation's hazardous waste facilities regulated under the Resource Conservation and Recovery Act of 1976 (RCRA), as amended by the Hazardous and Solid Waste Amendments of 1984 (HSWA). As part of this task, the EPA and the States collect and maintain information about sites that are conducting RCRA Subtitle C activities via the RCRA Subtitle C Site Identification Form (8700-12). Additionally, regulators use inspections to obtain and confirm hazardous waste activity at a site. In some instances, an emergency or temporary situation may require a site to provide hazardous waste activity information to the regulator. All information regarding a site's hazardous waste activity is contained in the Handler Module within RCRAInfo.

PERMISSIONS

In order to add, update, or delete data associated with the Handler Module, you must obtain the appropriate permissions. The Handler Module permissions are only associated with a State entity. That is, is you select Region 01 from the Permissions for Entity drop-down list on the My Permissions tab of your Profile, you will NOT see the Handler permission. The permission is only displayed when you select a State from the Permissions for Entity drop-down list. EPA Regional personnel that want to obtain permissions (other than Read) for one or more authorized States must request the permission from the appropriate State data administrator.

The Handler Module has four levels of permissions:

Permission	Permission Description
Read	The user may view all data within the Handler module but may not add, change, or delete the data. All users are given Read access to the Handler module by default.
Add/Update	The user may add and/or update the Handler data associated with their entity .
Delete	The user may add, update, and/or delete the Handler data associated with their entity.
Admin	The user may add, update, and/or delete the Handler data associated with their entity. The user may also grant and/or revoke Handler module permissions from other users within their entity.

Contact your data administrator to obtain the appropriate permissions.

HANDLER DASHBOARD

The Handler page displays a page header that shows the Handler Name on the far left, the Location Address in the middle, and the Handler Id on the far right. If the site has been assigned a tribal name, an icon will be displayed next to the Handler Id. Click the icon to see the tribal name assigned.

The primary Handler page is divided into five tabs: Universes, Source Summary, Maintain Other Ids, Tribal Data, and Quick Reports. ***Note: The Tribal Data tab is only present for Users who have Tribal Maintenance permissions.*** When you select a handler from the Handler Search Results and choose to go to the Handler module, you will be taken to the Source Summary tab.

UNIVERSES

The Universes tab displays the Handler, Permitting, Corrective Action, CM&E, and GPRA universes associated with this handler. Information pertaining to each universe may be ascertained by clicking the informational icon next to the universe of interest. The Handler universes are updated any time a source record is added, updated, and/or deleted. The remaining universes are updated every two hours, or may be updated for a particular handler / module in RCRAInfo V5 by selecting the handler, and clicking "Universe Calculations" from the module's main menu.

SOURCE SUMMARY

The Source Summary tab displays key information for every source record associated with the handler. Information displayed includes the Source Type, Sequence Number, Receive Date, Certification Date, Federal Generator Status, Non-notifier Indicator, Hazardous Secondary Material (HSM) Data Indicator, and Origin of Data. ***Note: You will not see the HSM Data Indicator if your State is not opted into the reporting of HSM data.***

The double asterisk, '**', next to a source record indicates that this source record is the most recent source of information for this site. This record is used to calculate the universes associated with this site. The most recent source record is determined by the most recent certification date. If no certification date is provided, the most recent received date is used. If the most recent date results in more than one source record, the following hierarchy is applied to determine the most recent source: I (Implementer), N (Notification), B (Biennial Report with Notification), R (Biennial Report), A (Part A), T (Temporary), and E (Emergency).

The data is originally sorted by the most recent Receive Date but may be re-sorted by clicking the arrows next to the column of interest. The arrows act as a toggle between ascending order and descending order. To sort by more than one column, click the arrows next to the column

for the primary sort, then, while holding down the <shift> key, click the arrows next to the column for the secondary sort.

The 10 most recent source records will be displayed. You can change the number of source records displayed on each page by selecting a value from the "Show entries" drop-down list. You can page through the source records by using the "Previous" and "Next" buttons, as well as specific page numbers at the bottom of the page.

The HSM Data column indicates if that particular source record contains HSM data. This is provided to allow the user to see which source records have HSM data and to see which source record contains the most recent HSM data, as it may not necessarily be the most recent source record.

The information in the Source column is hyper-linked. Click these links to see the data associated with a source record in View or Update mode (depending on your permissions). You may also add a new source record from this tab by clicking the "Add Source Record" button at the bottom of the page if you have the appropriate permissions.

MAINTAIN OTHER IDS

Within RCRAInfo, handlers are assigned a Federal EPA Identification Number. However, RCRAInfo provides the capability to assign additional identification numbers to a handler and to specify each Id's relationship to the EPA Id. The gray badge on the Maintain Other Ids tab indicates the number of other Ids that have been assigned to this handler. You can see the other Ids associated with this handler by clicking the Maintain Other Ids tab. If other Ids exist for this handler, the Other Id, Activity Location, Same Facility Indicator, Relationship, and Notes will be displayed for each other Id.

To add an Other Id for this handler, click the "Add Other Id" button at the bottom of the page. Provide, at a minimum, the required information as denoted by the red asterisks. Provide additional information as appropriate. Click "Save" to complete this addition, or "Cancel" to discard this information. ***Note: If the Other Id provided is an Id that exists in RCRAInfo, then you will be able to see this association from either handler, but you only need to enter the association once. You may also go to the Handler Source Summary tab of the Other Id by clicking the Other Id hyperlink.***

To edit the data associated with an Other Id, click the pencil next to the Id of interest. You may edit the Same Facility Indicator, Relationship, and Notes fields, but cannot update the Activity Location or Other Id. Click "Save" to complete your revisions or "Cancel" to discard the revisions.

To delete an Other Id, click the "x" next to the Id of interest. ***Note: If the Other Id deleted is an Id that exists in RCRAInfo, the association will be removed from both handlers.***

TRIBAL DATA

The Federal government has implemented a data standard to collect tribal name for installations located on tribal lands. To satisfy this standard, Users with Tribal Maintenance permissions can assign a tribal name by clicking the Tribal Data tab. A tribal name may only be assigned if the site has at least one source record where the Land Type, Owner Type, and/or Operator Type is set to "Indian". ***Note: This does NOT have to be the most recent source record.*** Select the appropriate tribal name from the drop-down list provided and click "Save".

QUICK REPORTS

The Quick Reports tab provides the user with access to handler reports that are handy to run for a single handler. These reports include the Site Detail Report and the History of Activity Report. If you run either of these reports from this tab, it will submit the report for this handler only. See the report cover page to see other selection criteria that is specified for these reports.

Additionally, you can see source records that were entered into the legacy data system (RCRIS), but, for various reasons, were not included in RCRAInfo, by selecting the Legacy Data report. This information is intended to tell the user that there are other paper sources available if they need a complete history of activity at the site.

CREATE NEW HANDLER

EPA Site Identification Numbers are assigned to a physical location, NOT a business or company. It is imperative that you conduct several handler searches using the address parameters (Street, City, County) to determine if a Site ID exists for the location of interest. If a Site ID does not exist, you may assign a new Id by clicking "Create New Handler" on the Search Results page. ***Note: The "Create New Handler" button will not be present if you do not have Add/Update, Delete, or Administrator privileges for the Handler module for at least one activity location.***

ASSIGN AN ID

The user has the option of assigning a Site Id or having the application generate a Site Id. In either case, the Id must begin with a two-digit State Postal Code followed by 2 - 10 alphanumeric characters. The State's for which you have appropriate privileges will be displayed in the first drop-down list. Select the State where this site is located from this list. If you have permissions for only one State, that State will automatically be selected for you. The default value for the third character is "R" unless your State has identified a different default value, however, you may change this value to any alphanumeric value. To assign an Id, enter 1 - 9 alphanumeric characters in the third box. Once you have populated all three boxes appropriately, click "Create This Id". The Id that you assign must be unique, and the application will return an error if you enter an Id that already exists.

If you want the application to generate the Id, leave the third box empty and click "Generate an Id". The application will create an Id with the state postal code and third character specified, followed by 9 digits.

The General Information (Receive Date, Non-notifier, Extract to Public, and Acknowledgement Flag), Reason for Submittal, Handler ID, and Activity Location will be displayed. Once you provide the Receive Date and the Reason for Submittal, the remaining information related to that source record will be displayed.

REQUIRED DATA

Required data elements are marked with a red asterisk next to the label. At a minimum, data for these items must be provided in order to save your source record. Required data elements are determined using the Receive Date and Reason for Submittal (for more information, see Handler Business Rules). Some data are required based on the value of other data. For example, if you indicate that a site is a Short-term Generator in Item 10.A.2, a text box will be provided for you to enter comments as to why this site is a Short-term Generator. These comments are required. Another example of conditionally-required data includes waste codes which must be provided if certain regulatory activities are selected. These asterisks are

dynamic, so if you change your Receive Date and/or Reason for Submittal, the asterisk will be appropriately refreshed.

FINISH LATER

At any time after you have provided the Receive Date and Reason for Submittal, you may click the "Finish Later" button at the bottom of the page. This will create a draft version of this source record. This draft does **NOT** have to meet the business rules in order to be created. That is, a draft can be created even if data is missing for required fields. The Finish Later feature was created to allow the user to periodically save their work and/or to save information in a draft form while collecting additional information for the source record. Once a draft is created, you may access it under the "Drafts" section on the Source Summary tab. ***Note: Only one draft source record may exist for a given site. No one will be allowed to add a new source record or edit an existing source record for this site until the draft source record is completed (i.e., saved to the database) or discarded.***

ADDRESSES

For all addresses (Location, Mailing, Contact, Permit Contact, Owner, and Operator), the City and State may be auto-populated by entering the Zip. If the Zip is associated with more than one City, you may select the appropriate City from the drop-down list provided. If the appropriate City is not presented, you may enter it manually.

When entering the Mailing, Contact, or Permit Contact Address, you have the option to copy the address from an address already entered by using the "Copy From Address" drop-down list. For example, to copy the Mailing Address into the Contact Address, select "Mailing" from the Contact Address "Copy From Address" drop-down list. You may also delete an existing address by clicking "Copy From Address" and selecting "Clear".

OWNER / OPERATOR

The "Copy From" link in the upper right-hand corner of the Owner or Operator modal allows the user to copy address information from the Location, Mailing, or Contact address, or to copy owner or operator information from an existing owner or operator.

To copy address information, click the "Copy From" link, then click the address to copy from (Location, Mailing, or Contact). All of the address information (Street Number, Street 1, Street 2, Zip, City, State, and Country) associated with the current owner or operator will be deleted and replaced with the address information from the source selected. You may make revisions to this information as needed.

To copy owner or operator information from an existing owner or operator, click the "Copy From" link, then click the owner or operator name from which to copy the owner or operator information. All of the information associated with the owner or operator selected will be

copied into the current owner or operator. You may make revisions to this information as needed.

ADOPTABLE RULES

There are several sections of the Site Identification Form that can only be completed if your State has adopted that particular rule. These include:

- Eligible Academic Entities with Laboratories
- Episodic Generation
- LQG Consolidation of VSQG Hazardous Waste
- Notification of LQG Site Closure for a Central Accumulation Area or Entire Facility
- Notification of Hazardous Secondary Material (HSM) Activity
- Managing Hazardous Waste Pharmaceuticals

Click here for information on how to indicate that your State has adopted a particular rule.

WASTE CODES

Waste codes are selected from the drop-down list provided, either one at a time or as a group. Click here for information on selecting multiple values from a drop-down list.

To streamline the entry of many wastes codes, you may click the "Select all" box from the drop-down list at any time . This will place all of the waste codes currently displayed in the drop-down list into the "Selected" list. For example, if you want to select all "D" codes, you would first type "D" into the Search box to limit the drop-down list to waste codes that start with "D", then click the "Select all" box to place the codes into the "Selected" list.

HAZARDOUS SECONDARY MATERIAL

Eligible sites have the option to notify under 40 CFR 260.42 that they will begin managing, are still managing, or will stop managing hazardous secondary material under 40 CFR 260.30, 40 CFR 261.4(a)(23), (24), or (27) or notify under 40 CFR 260.43(a)(4)(iii) that the product of their recycling process has levels of hazardous constituents that are not comparable to or unable to be compared to a legitimate product or intermediate but that the recycling is still legitimate. However, in order for a site to report this information, the State must first adopt these rules. If your State has not adopted these rules, section 12 will display the message "HSM is not applicable". You will not be allowed to enter any Hazardous Secondary Material (HSM) information for this State until the State indicates that they are participating in these rules (see Opting into Hazardous Secondary Material for more information).

Even if your State is participating in HSM, you have the option to report or not report HSM information for the new source record. ***Note: The rules associated with HSM were implemented on December 29, 2008. Even if your State has adopted these rules, you will not be able to enter information relating to HSM for source records with a Receive Date prior to December 29, 2008 (the message "HSM is not applicable" will be displayed).*** The Yes/No slide box in section 12 allows you to indicate whether you are reporting HSM activity for this source record. If you leave the indicator at No (the default), no HSM information will be populated for this source record. If you slide the indicator to Yes, you will be allowed to add the HSM information as appropriate.

REVIEW

Once you have completed all of the data entry, click the "Review" button at the bottom of the page. If you have any required data that is missing or data that does not meet the requirements of the business rules, an error will be displayed and you will be taken to that portion of the form to complete or correct the information. You cannot proceed with the review process until all required data is provided and all data meets the business rules.

If all required data is provided and meets the business rules, the Source Record Review page will be displayed. This page shows all of the information provided for the source record in a read-only format. If the data is correct, click the "Save" button at the bottom of the page to save the new source record to the RCRAInfo database. If you see errors or need to make revisions to the data, click the "Make Changes" button at the bottom of the page to return to the Create New Handler page. ***Note: The new source record will not be saved to the database and available for queries and/or reports until the "Save" button is clicked on the Source Record Review page.***

ADD SITE IDENTIFICATION FORM

Historical information regarding a site is collected and maintained in a site's handler source records. A new source record should be added each time a site submits an 8700-12 (Site Identification) Form, a site submits an 8700-23 (Part A Permit Application) Form, an inspector conducts an inspection of the site, or any time that the site and/or regulatory agency documents any change happening at the site (name, address, contacts, owner/operator, Subtitle C activities, etc.). To add a new source record for a site, click the "Add Site Identification Form" button on the Source Summary tab for the handler of interest. ***Note: The "Add Site Identification Form" button will not be present if a draft source record exists for this handler. If a draft exists, you must either complete the draft or discard the draft before you can add a new source record.***

The General Information (Receive Date, Non-notifier, Extract to Public, Accessibility, and Acknowledgement Flag), Reason for Submittal, Handler ID, and Activity Location will be displayed. Once you provide the Receive Date and the Reason for Submittal, the remaining information related to that source record will be displayed. This information will be pre-populated with the information from the most recent source record. You may add, change, or delete information on this form as appropriate.

REQUIRED DATA

Required data elements are marked with a red asterisk next to the label. At a minimum, data for these items must be provided in order to save your source record. Required data elements are determined using the Receive Date and Reason for Submittal (for more information, see Handler Business Rules). Some data are required based on the value of other data. For example, if you indicate that a site is a Short-term Generator in Item 10.2, a text box will be provided for you to enter comments as to why this site is a Short-term Generator. These comments are required. Another example of conditionally-required data includes waste codes which must be provided if certain regulatory activities are selected. These asterisks are dynamic, so if you change your Receive Date and/or Reason for Submittal, the asterisk will be appropriately refreshed.

FINISH LATER

At any time after you have provided the Receive Date and Reason for Submittal, you may click the "Finish Later" button at the bottom of the page. This will create a draft version of this source record. This draft does **NOT** have to meet the business rules in order to be created. That is, a draft can be created even if data is missing for required fields. The Finish Later feature was created to allow the user to periodically save their work and/or to save information in a draft form while collecting additional information for the source record. Once a draft is created, you may access it under the "Drafts" section on the Source Summary tab. ***Note: Only***

one draft source record (excluding a draft created as part of a Biennial Report submission) may exist for a given site. No one will be allowed to add a new source record or edit an existing source record for this site until the draft source record is completed (i.e., saved to the database) or discarded.

ADDRESSES

For all addresses (Location, Mailing, Contact, Permit Contact, Owner, and Operator), the City and State may be auto-populated by entering the Zip. If the Zip is associated with more than one City, you may select the appropriate City from the drop-down list provided. If the appropriate City is not presented, you may enter it manually.

When entering the Mailing, Contact, or Permit Contact Address, you have the option to copy the address from an address already entered by using the "Copy From Address" drop-down list. For example, to copy the Mailing Address into the Contact Address, select "Mailing" from the Contact Address "Copy From Address" drop-down list. You may also delete an existing address by clicking "Copy From Address" and selecting "Clear".

OWNER / OPERATOR

The "Copy From" link in the upper right-hand corner of the Owner or Operator modal allows the user to copy address information from the Location, Mailing, or Contact address, or to copy owner or operator information from an existing owner or operator.

To copy address information, click the "Copy From" link, then click the address to copy from (Location, Mailing, or Contact). All of the address information (Street Number, Street 1, Street 2, Zip, City, State, and Country) associated with the current owner or operator will be deleted and replaced with the address information from the source selected. You may make revisions to this information as needed.

To copy owner or operator information from an existing owner or operator, click the "Copy From" link, then click the owner or operator name from which to copy the owner or operator information. All of the information associated with the owner or operator selected will be copied into the current owner or operator. You may make revisions to this information as needed.

REGULATED WASTE ACTIVITY INACTIVATION

To simplify the data entry process, a link is provided in section 10 to inactivate all regulatory waste activities. ***Note: The term "inactivation" is used to describe what this link does but does not have any regulatory meaning.*** By clicking the "Turn Off All Activities" link, you will be asked to select a reason for inactivating these activities and you may optionally provide additional comments. ***Note: If you select "Other" as the reason for inactivating the regulatory waste activities, you must provide comments.*** The Federal Generator Status will be

set to "Not a Generator". The value in the State Generator Status will be deleted and you will need to select your State value that indicates that the site is no longer a generator. ***Note: If your State has only one state-defined generator value (i.e., "Same as Federal"), that value will be automatically selected.*** All other regulated waste activities will be set to No, including the Withdrawal from Subpart K if appropriate.

No data outside of section 10, including waste codes and hazardous secondary material will be changed by clicking this link. To remove the waste codes, click the "Clear All" buttons underneath the Federal and State Waste Code drop-down lists. If HSM data exists for this site, you should report that this site has stopped managing HSM and/or stopped producing a recyclable material that is not comparable to a legitimate product or intermediate.

ADOPTABLE RULES

There are several sections of the Site Identification Form that can only be completed if your State has adopted that particular rule. These include:

- Eligible Academic Entities with Laboratories
- Episodic Generation
- LQG Consolidation of VSQG Hazardous Waste
- Notification of LQG Site Closure for a Central Accumulation Area or Entire Facility
- Notification of Hazardous Secondary Material (HSM) Activity
- Managing Hazardous Waste Pharmaceuticals

Click here for information on how to indicate that your State has adopted a particular rule.

WASTE CODES

Waste codes are selected from the drop-down list provided, either one at a time or as a group. Click here for information on selecting multiple values from a drop-down list.

To streamline the entry of many wastes codes, you may click the "Select all" box from the drop-down list at any time . This will place all of the waste codes currently displayed in the drop-down list into the "Selected" list. For example, if you want to select all "D" codes, you would first type "D" into the Search box to limit the drop-down list to waste codes that start with "D", then click the "Select all" box to place the codes into the "Selected" list.

HAZARDOUS SECONDARY MATERIAL

Eligible sites have the option to notify under 40 CFR 260.42 that they will begin managing, are still managing, or will stop managing hazardous secondary material under 40 CFR 260.30, 40 CFR 261.4(a)(23), (24), or (27) or notify under 40 CFR 260.43(a)(4)(iii) that the product of their

recycling process has levels of hazardous constituents that are not comparable to or unable to be compared to a legitimate product or intermediate but that the recycling is still legitimate. However, in order for a site to report this information, the State must first adopt these rules. If your State has not adopted these rules, section 12 will display the message "HSM is not applicable". You will not be allowed to enter any Hazardous Secondary Material (HSM) information for this State until the State indicates that they are participating in these rules (see Opting into Hazardous Secondary Material for more information).

Even if your State is participating in HSM, you have the option to report or not report HSM information for the new source record. ***Note: The rules associated with HSM were implemented on December 29, 2008. Even if your State has adopted these rules, you will not be able to enter information relating to HSM for source records with a Receive Date prior to December 29, 2008 (the message "HSM is not applicable" will be displayed).*** The Yes/No slide box in section 12 allows you to indicate whether you are reporting HSM activity for this source record. If you leave the indicator at No (the default), no HSM information will be populated for this source record. If you slide the indicator to Yes, the most recent HSM information for this site (which may or may not be associated with the most recent source record for this site) will be populated and you will be allowed to add, edit, or delete the HSM information as appropriate. If you choose not to report HSM information, this does **NOT** mean that the site has stopped managing HSM and/or stopped producing a recyclable material that is not comparable to a legitimate product or intermediate. The only way to remove a site from the HSM universe is to report that they have stopped managing HSM and stopped producing a recyclable material that is not comparable to a legitimate product or intermediate.

REVIEW

Once you have completed all of the data entry, click the "Review" button at the bottom of the page. If you have any required data that is missing or data that does not meet the requirements of the business rules, an error will be displayed and you will be taken to that portion of the form to complete or correct the information. You cannot proceed with the review process until all required data is provided and all data meets the business rules.

If all required data is provided and meets the business rules, the Source Record Review page will be displayed. This page shows all of the information provided for the source record in a read-only format. If the data is correct, click the "Save" button at the bottom of the page to save the new source record to the RCRAInfo database. If you see errors or need to make revisions to the data, click the "Make Changes" button at the bottom of the page to return to the Add a Site Identification Form page. ***Note: The new source record will not be saved to the database and available for queries and/or reports until the "Save" button is clicked on the Source Record Review page.***

UPDATE SITE IDENTIFICATION FORM

The Update feature is provided to allow users to correct previously entered Site Identification data. The Update feature should **NEVER** be used to enter data from a new Site Identification Form. To update a source record for a site, click the source hyperlink on the Source Summary tab for the handler of interest. ***Note: If you click a source hyperlink and a draft source record exists for this handler, the source record you selected will be displayed in VIEW ONLY mode. That is, you will not be allowed to update the source record until the draft source record is completed or discarded.***

BIENNIAL REPORT SOURCE RECORDS

Biennial Report (R) source records and Biennial Report with Subsequent Notification (B) source records cannot be updated in this manner. If you select a Biennial Report or Biennial Report with Subsequent Notification source record, the record will be displayed in VIEW ONLY mode and cannot be revised.

RECEIVE DATE

Prior versions of RCRAInfo did not allow the user to change the Receive Date. Now, the Receive Date can be changed to a date within 30 days prior to or 30 days after the original Receive Date. If the revised Receive Date is outside of this window, you will need to add a new source record, then delete the existing source record to capture the new Receive Date.

DATA THAT CANNOT BE UPDATED

The user is not allowed to update the following data once a source record is created: Reason for Submittal, Handler ID, Activity Location, and the HSM activities indicator (click here for additional information).

DATA THAT CAN BE UPDATED

All Site Identification data, with the exceptions noted above, can be added, revised, and/or deleted as appropriate. However, you will not be able to save the data unless the data meets all of the business rules associated with that Reason for Submittal and Receive Date (see Review below for additional information).

HAZARDOUS SECONDARY MATERIAL

When a source record is created, the user is asked if they are providing Hazardous Secondary Material (HSM) data. If the user answered "No", HSM data cannot be provided as part of the update process. If the user answered "Yes", the user may update HSM information as

appropriate but the user CANNOT change the answer to "Are you notifying under 40 CFR 260.42 that you will begin managing, are managing, or will stop managing hazardous secondary material under 40 CFR 260.30, 40 CFR 261,4(a)(23), (24), or (25)?"

FINISH LATER

At any time, you may click the "Finish Later" button at the bottom of the page. This will create a draft version of this source record. This draft does **NOT** have to meet the business rules in order to be created. That is, a draft can be created even if data is missing for required fields. The Finish Later feature was created to allow the user to periodically save their work and/or to save information in a draft form while collecting additional information for the source record. Once a draft is created, you may access it under the "Drafts" section on the Source Summary tab. ***Note: Only one draft source record may exist for a given site. No one will be allowed to add a new source record or edit an existing source record for this site until the draft source record is completed (i.e., saved to the database) or discarded.***

REVIEW

Once you have completed all of the updates, click the "Review" button at the bottom of the page. If you have any required data that is missing or data that does not meet the requirements of the business rules, an error will be displayed and you will be taken to that portion of the form to complete or correct the information. You cannot proceed with the review process until all required data is provided and all data meets the business rules.

If all required data is provided and meets the business rules, the Source Record Review page will be displayed. This page shows all of the information provided for the source record in a read-only format. If the data is correct, click the "Save" button at the bottom of the page to save the updated source record to the RCRAInfo database. If you see errors or need to make revisions to the data, click the "Make Changes" button at the bottom of the page to return to the Update Source Record page. ***Note: The revised source record will not be saved to the database and available for queries and/or reports until the "Save" button is clicked on the Source Record Review page.***

DELETE SITE IDENTIFICATION FORM

The Delete feature is provided to allow users to delete Site Identification data in the case where the form was entered in error. The Delete feature should be used VERY SPARINGLY as it is imperative to maintain historical information regarding a site. To delete a source record for a site, click the source hyperlink on the Source Summary tab for the handler of interest. ***Note: If you click a source hyperlink and a draft source record exists for this handler, the source record you selected will be displayed in VIEW ONLY mode. That is, you will not be allowed to delete the source record until the draft source record is completed or discarded.***

BIENNIAL REPORT SOURCE RECORDS

Biennial Report (R) source records and Biennial Report with Subsequent Notification (B) source records cannot be deleted in this manner. If you select a Biennial Report or Biennial Report with Subsequent Notification source record, the record will be displayed in VIEW ONLY mode and cannot be deleted.

DELETE

To delete the selected source record, click the "Delete" button at the bottom of the page. A pop-up window will confirm that you want to delete this source record. Click "Delete" to continue with the deletion of the source record, or "Cancel" to abort the process. ***Note: You are not allowed to delete a source record if only one source record exists for the handler. In this instance, the "Delete" button will not be present at the bottom of the page.***

RCRAInfo requires that all handlers have at least one handler source record. If you want to delete the last handler source record, then the entire handler (including data from ALL modules) must be deleted. Since the application does not allow you to delete the last handler source record, you must request this through USITS. Once the request is received, EPA Headquarters will manually delete the handler from RCRAInfo.

EMERGENCY IDS

Occasionally, there are situations in which a site/person may need to obtain an EPA ID immediately. This may be the result of an accident or spill that requires immediate attention and hazardous waste to be reported on a manifest. States have various procedures in place to accommodate these situations. States may elect to allow the RCRAInfo application to automatically assign an EPA ID number for these emergency situations. To do this, the State must first opt in by clicking "Tools" from the Main Menu, selecting "State Participation", then clicking the "Emergency Site ID" tab. ***Note: You must have Administrator permissions for the Handler Module in order to set your State's participation level.*** Click here for additional information on how to opt in.

Once your State has opted in, emergency responders and other appropriate personnel will be able to obtain an EPA ID by clicking the "Obtain Emergency ID" button on the www.epa.gov/emergency-response website. The emergency responder must provide their Location Address, Contact Information, Federal Generator Status, and Comments describing the emergency situation and the hazardous waste generated. An EPA ID will be assigned and an "E" source record will be created. An email will be sent to the State's Handler Module Administrator indicating that an emergency submission was made and an EPA Id was created. Regulators should review the submission for correctness and completeness. ***Note: Sites not responding to an emergency situation SHOULD NOT obtain an EPA ID in this manner.***

Compliance, Monitoring and Enforcement

INTRODUCTION

EPA and State regulators maintain RCRA regulatory compliance by using the Compliance Monitoring and Enforcement (CM&E) Module in RCRAInfo to enter evaluation, violation, and enforcement action information for hazardous waste handlers. Compliance monitoring describes activities used to determine a handler's level of compliance with both Federal and State regulations and statutes. Through evaluations, the regulatory agency can identify non-complying handlers, assess the effectiveness of legal actions, and mandate corrections of violations.

PERMISSIONS

In order to add, update, or delete data associated with the CM&E Module, you must obtain the appropriate permissions. The CM&E Module permissions may be associated with a State entity or a Region entity. A Responsible Agency is assigned to every evaluation, violation, and enforcement action. The values shown in the various Responsible Agency drop-down lists are dependent on the entity or entities in which you have been given CM&E Module permissions. If you are given CM&E permissions for a State, you will see responsible agencies associated with the State (i.e., S - State, B - State Contractor/Grantee, T - State-initiated Oversight/Observation/Training Actions, or L - Local [for California use only]). If you are given CM&E permissions for a Region, you will see responsible agencies associated with EPA (i.e., E - EPA, C - EPA Contractor/Grantee, X - EPA-initiated Oversight/Observation/Training Actions, or N - Native American).

The CM&E Module has four levels of permissions:

Permission	Permission Description
Read	The user may view all data within the CM&E module but may not add, change, or delete the data. All users are given Read access to the CM&E module by default.
Add/Update	The user may add and/or update the CM&E data associated with their entity .
Delete	The user may add, update, and/or delete the CM&E data associated with their entity.
Admin	The user may add, update, and/or delete the CM&E data associated with their entity. The user may also grant and/or revoke CM&E module permissions from other users within their entity.

The table below shows examples of what the user will see in the Activity Location and Responsible Agency drop-down lists (using the Evaluation as an example) based on the permissions given to a user.

CM&E Permissions Entity	Activity Location	Responsible Agency
Maryland	Maryland	S - State B - State Contractor/Grantee

		T - State-initiated Oversight/Observation/Training Actions
Region 3	Delaware District of Columbia Maryland Pennsylvania Virginia West Virginia	E - EPA C - EPA Contractor/Grantee X - EPA-initiated Oversight/Observation/Training Actions N - Native American
Maryland and Region 3	Delaware District of Columbia Maryland Pennsylvania Virginia West Virginia	If Maryland is selected as the Activity Location: S - State B - State Contractor/Grantee T - State-initiated Oversight/Observation/Training Actions E - EPA C - EPA Contractor/Grantee X - EPA-initiated Oversight/Observation/Training Actions N - Native American If Delaware, District of Columbia, Pennsylvania, Virginia, or West Virginia is selected as the Activity Location: E - EPA C - EPA Contractor/Grantee X - EPA-initiated Oversight/Observation/Training Actions N - Native American

Contact your data administrator to obtain the appropriate permissions.

MODULE CONFIGURATION

The CM&E module contains some items that the implementer (State and/or Region) may customize. Click here to see the customizations available for the CM&E module and how to configure these customizations.

COMPLIANCE, MONITORING AND ENFORCEMENT DASHBOARD

The Compliance, Monitoring and Enforcement (CM&E) dashboard displays a page header that shows the Handler Name on the far left, the Location Address in the middle, and the Handler Id on the far right. The primary CM&E dashboard is divided into seven tabs: Universes, Evaluations, Violations, Citations, Enforcements, 3007 Info Requests, and Quick Reports. When you select a handler from the Handler Search Results and choose to go to the CM&E module, you will be taken to the Evaluations tab.

UNIVERSES

The Universes tab displays the Significant Non-Complier (SNC) Status associated with this handler including whether the SNC designation is addressed, unaddressed, or on a compliance schedule and whether the SNC designation was given by the State or EPA. The statuses displayed are the designations given by the State in which the handler is located. However, in the case of transporters, another regulatory agency may designate the handler to be a SNC. To see designations given by other agencies, select the appropriate State from the State drop-down list. ***Note: Only States that have given this handler a SNC designation are provided in the State drop-down list and no drop-down list will be presented if no States outside of the State in which the handler resides has designated this handler a SNC.***

Information pertaining to each universe (i.e., designation) may be ascertained by clicking the informational icon next to the universe of interest. These universes are updated any time CM&E data is added, updated, and/or deleted.

EVALUATIONS

The Evaluations tab displays key information for every evaluation associated with the handler. Information displayed includes the Activity Location, Evaluation Identifier, Evaluation Start Date, Responsible Agency, Evaluation Type and Description, Responsible Person, and the number of Violations associated with the evaluation.

The data is originally sorted by the most recent Evaluation Start Date but may be re-sorted by clicking the arrows next to the column of interest. The arrows act as a toggle between ascending order and descending order. To sort by more than one column, click the arrows next to the column for the primary sort, then, while holding down the <shift> key, click the arrows next to the column for the secondary sort.

The 10 most recent evaluations will be displayed. You can change the number of evaluations displayed on each page by selecting a value from the "Show entries" drop-down list. You can page through the evaluations by using the "Previous" and "Next" buttons, as well as specific page numbers at the bottom of the page.

You may view the violations associated with a particular evaluation by clicking the number in the Violations column. A pop-up window will be displayed showing the Violation Determined Date, Violation Type and Description, Linked Citations, Determined by Agency, Responsible Agency, Latest Scheduled Return to Compliance (RTC) Date, Actual RTC Date, and RTC Qualifier. The 10 most recent violations will be displayed. You can change the number of violations displayed by selecting a value from the "Show entries" drop-down list. You can page through the violations by using the "Previous" and "Next" buttons, as well as specific page numbers at the bottom of the window. You may view the violations associated with all of the evaluations displayed by clicking the "Show All Violations" button in the lower right-hand corner of the page. You may also re-sort the violations by clicking the arrows next to the column(s) of interest.

Click the appropriate icon in the action column to view, update, or delete a particular evaluation ("eye" icon to view or "pencil" icon to edit/delete) or click the "Add Evaluations" button to add a new evaluation.. ***Note: The icons presented in the action column and the presence of the "Add Evaluations" button will vary depending on your permissions.***

VIOLATIONS

The Violations tab displays key information for every violation associated with the handler. The green badge indicates the number of violations associated with the handler that are currently out of compliance. Information displayed includes the Activity Location, Violation Type and Description, LInked Citations, Determined by Agency, Responsible Agency, Determined Date, Lastest Scheduled RTC Date, Actual RTC Date, RTC Qualifier, the number of Evaluations associated with the violation and the number of Enforcement Actions associated with the violation.

The data is originally sorted by the most recent Violation Determined Date but may be re-sorted by clicking the arrows next to the column of interest. The arrows act as a toggle between ascending order and descending order. To sort by more than one column, click the arrows next to the column for the primary sort, then, while holding down the <shift> key, click the arrows next to the column for the secondary sort.

The 10 most recent violations will be displayed. You can change the number of violations displayed on each page by selecting a value from the "Show entries" drop-down list. You can page through the violations by using the "Previous" and "Next" buttons, as well as specific page numbers at the bottom of the page.

You may view the evaluations associated with a particular violation by clicking the number in the Evals column. A pop-up window will be displayed showing the Evaluation Start Date, Evaluation Type and Description, and Responsible Agency. The 10 most recent evaluations will be displayed. You can change the number of evaluations displayed by selecting a value from the "Show entries" drop-down list. You can page through the evaluations by using the

"Previous" and "Next" buttons, as well as specific page numbers at the bottom of the window. You may view the evaluations associated with all of the violations displayed by clicking the "Show All Evaluations" button in the lower right-hand corner of the page.

Similarly, you may view the enforcement actions associated with a particular violation by clicking the number in the Enfs column. A pop-up window will be displayed showing the Enforcement Action Date, Enforcement Action Identifier, Enforcement Type and Description, Responsible Agency, and Scheduled RTC Date. The 10 most recent enforcement actions will be displayed. You can change the number of enforcement actions displayed by selecting a value from the "Show entries" drop-down list. You can page through the enforcement actions by using the "Previous" and "Next" buttons, as well as specific page numbers at the bottom of the window. You may view the enforcement actions associated with all of the violations displayed by clicking the "Show All Enforcements" in the lower right-hand corner of the page.

Click the appropriate icon in the action column to view, update, or delete a particular violation ("eye" icon to view, "plus" icon to add, or "pencil" icon to edit/delete). A violation CANNOT be added from this tab, rather you must enter a new violation from the evaluation that discovered the violation. ***Note: The icons presented in the action column will vary depending on your permissions.***

CITATIONS

The Citations tab displays key information for every violation associated with the handler organized by citation. For example, a violation that is linked to 5 citations will appear as 5 rows in this tab, whereas in the Violations tab, it would appear as 1 row. The Citations tab is for informational purposes only - no data can be added, updated, or deleted via this tab. To view, edit, or delete citation information, you must proceed to the Violations tab. The information displayed on the Citations tab includes the Citation, Citation Owner, Citation Type, Violation Type and Description, Activity Location, Violation Determined Date, Responsible Agency, Actual RTC Date, RTC Qualifier, the number of Evaluations associated with the violation and the number of Enforcement Actions associated with the violation.

The data is originally sorted by the most recent Violation Determined Date but may be re-sorted by clicking the arrows next to the column of interest. The arrows act as a toggle between ascending order and descending order. To sort by more than one column, click the arrows next to the column for the primary sort, then, while holding down the <shift> key, click the arrows next to the column for the secondary sort.

The 10 most recent citations will be displayed. You can change the number of citations displayed on each page by selecting a value from the "Show entries" drop-down list. You can page through the citations by using the "Previous" and "Next" buttons, as well as specific page numbers at the bottom of the page.

You may view the evaluations associated with a particular citation/violation by clicking the number in the Evals column. A pop-up window will be displayed showing the Evaluation Start Date, Evaluation Type and Description, and Responsible Agency. The 10 most recent evaluations will be displayed. You can change the number of evaluations displayed by selecting a value from the "Show entries" drop-down list. You can page through the evaluations by using the "Previous" and "Next" buttons, as well as specific page numbers at the bottom of the window. You may view the evaluations associated with all of the citations/violations displayed by clicking the "Show All Evaluations" button in the lower right-hand corner of the page.

Similarly, you may view the enforcement actions associated with a particular citation/violation by clicking the number in the Enfs column. A pop-up window will be displayed showing the Enforcement Action Date, Enforcement Action Identifier, Enforcement Type and Description, Responsible Agency, and Scheduled RTC Date. The 10 most recent enforcement actions will be displayed. You can change the number of enforcement actions displayed by selecting a value from the "Show entries" drop-down list. You can page through the enforcement actions by using the "Previous" and "Next" buttons, as well as specific page numbers at the bottom of the window. You may view the enforcement actions associated with all of the citations/violations displayed by clicking the "Show All Enforcements" in the lower right-hand corner of the page.

ENFORCEMENTS

The Enforcements tab displays key information for every enforcement action associated with the handler. Information displayed includes the Activity Location, Enforcement Action Identifier, Enforcement Action Start Date, Responsible Agency, Enforcement Action Type and Description, Responsible Person, and the number of Violations associated with the enforcement action.

The data is originally sorted by the most recent Enforcement Action Start Date but may be re-sorted by clicking the arrows next to the column of interest. The arrows act as a toggle between ascending order and descending order. To sort by more than one column, click the arrows next to the column for the primary sort, then, while holding down the <shift> key, click the arrows next to the column for the secondary sort.

The 10 most recent enforcement actions will be displayed. You can change the number of enforcement actions displayed on each page by selecting a value from the "Show entries" drop-down list. You can page through the enforcement actions by using the "Previous" and "Next" buttons, as well as specific page numbers at the bottom of the page.

You may view the violations associated with a particular enforcement action by clicking the number in the Violations column. A pop-up window will be displayed showing the Violation Determined Date, Violation Type and Description, Linked Citations, Determined by Agency, Responsible Agency, Latest Scheduled Return to Compliance (RTC) Date, Actual RTC Date, and RTC Qualifier. The 10 most recent violations will be displayed. You can change the number of violations displayed by selecting a value from the "Show entries" drop-down list. You can page

through the violations by using the "Previous" and "Next" buttons, as well as specific page numbers at the bottom of the window. You may view the violations associated with all of the enforcement actions displayed by clicking the "Show All Violations" button in the lower right-hand corner of the page.

Click the appropriate icon in the action column to view, add, update, or delete a particular enforcement action ("eye" icon to view, "plus" icon to add, or "pencil" icon to edit/delete).
Note: The icons presented in the action column will vary depending on your permissions.

3007 INFO REQUESTS

The 3007 Info Requests tab displays key information for every 3007 information request associated with the handler. Information displayed includes the Activity Location, Responsible Agency, Information Request Date, Date the Response was Received as well as information associated with the evaluation associated with this information request including the Evaluation Sequence Number, Activity Location, Evaluation Start Date, and Responsible Agency..

The data is originally sorted by the most recent Information Request Date but may be re-sorted by clicking the arrows next to the column of interest. The arrows act as a toggle between ascending order and descending order. To sort by more than one column, click the arrows next to the column for the primary sort, then, while holding down the <shift> key, click the arrows next to the column for the secondary sort.

The 10 most recent 3007 information requests will be displayed. You can change the number of information requests displayed on each page by selecting a value from the "Show entries" drop-down list. You can page through the information requests by using the "Previous" and "Next" buttons, as well as specific page numbers at the bottom of the page.

Click the appropriate icon in the action column to view, add, update, or delete a particular 3007 information request ("eye" icon to view, "plus" icon to add, or "pencil" icon to edit/delete).
Note: The icons presented in the action column will vary depending on your permissions.

QUICK REPORTS

The Quick Reports tab provides the user with access to CM&E reports that are handy to run for a single handler. These reports include the Comprehensive Report, the Facility Management Report, and the Pre-Inspection Report. If you run any of these reports from this tab, it will submit the report for this handler only. See the report cover page to see other selection criteria that is specified for these reports.

SIGNIFICANT NON-COMPLIERS (SNCs)

Significant Non-Complier (SNC) is a designation that is given to handlers which have caused actual exposure or a substantial likelihood of exposure to hazardous waste or hazardous waste constituents; is a chronic or recalcitrant violator; or deviates substantially from the terms of a permit, order, or agreement, or from RCRA statutory or regulatory requirements.

DESIGNATE A SNC

To designate a handler as a SNC, there must exist an SNY evaluation that has not been superceded by an SNN evaluation by the same agency.

A handler may be designated as a SNC by following these rules:

- Enter an SNY evaluation with a Day Zero equal to 1) the Evaluation Start Date of a non-followup evaluation for this agency; 2) the Date of Enforcement action of an 810 or 820 action; or 3) any valid date less than or equal to the Evaluation Start Date of the SNY evaluation in the case of reclassified secondary violators.
- If a site has multiple SNY or SNN evaluations with the same agency and location, only the most recent is considered.
- If an agency/activity location determines a site to be both a SNC and not a SNC on the same day (i.e., enters both an SNY and an SNN evaluation with the same agency and activity location on the same day), then the site is considered to be a SNC until an SNN on a later date is entered by this agency / activity location unless the words "Not a SNC" or "No longer a SNC" (not case sensitive) are entered into the Comments field.

SNC INDICATORS

The universe calculations, that are ran every time CM&E data is changed for a handler, identifies handlers that meet the SNC designation and further classifies the SNCs into the categories discussed below.

SNC

A handler is considered a Significant Non-Complier (SNC) if they meet either of the following conditions:

- The handler has an SNY evaluation issued by the State which has not been superceded by an SNN evaluation issued by the State
- The handler has an SNY evaluation issued by the EPA which has not been superceded by an SNN evaluation issued by the EPA

STATE ADDRESSED SNC

A handler is considered a State Addressed SNC if they meet any of the following three conditions:

- **The handler is a SNC and the violations linked to the evaluation referred to by the Day Zero Date have been addressed by an approved enforcement action.**
    - The handler has an SNY evaluation issued by the State which has not been superceded by an SNN evaluation issued by the State
    - ALL of the violations that are the responsibility of the State that are linked to the evaluation(s) referred to by the Day Zero Date (i.e., the Day Zero of the SNY evaluation equals the Evaluation Start Date of other State issued evaluations) are linked to an approved formal enforcement action (210-219, 310-319, 380, 385, 410-439, 510-519, 530-539, 610-639, 810-869) issued by the State with an SNY Date equal to the Evaluation Start Date of the SNY evaluation
- **The handler is a SNC and the SNY evaluation has been addressed by an approved "orphan" enforcement action.**
    - The handler has an SNY evaluation issued by the State which has not been superceded by an SNN evaluation issued by the State
    - An approved formal enforcement action issued by the State with an SNY date equal to the Evaluation Start Date of the SNY evaluation exists and the enforcement action is not linked to any violation
- **The handler is a SNC and the responsibility has been transferred to EPA.**
    - The handler has an SNY evaluation issued by the State which has not been superceded by an SNN evaluation issued by the State
    - ALL of the violations linked to the evaluation(s) referred to by the Day Zero Date (i.e., the Day Zero of the SNY evaluation equals the Evaluation Start Date of other State issued evaluations) are linked to an 810 enforcement action issued by the State with an SNY Date equal to the Evaluation Start Date of the SNY evaluation.

STATE ADDRESSED SNC WITH A COMPLIANCE SCHEDULE

A handler is considered a State Addressed SNC with a Compliance Schedule if:

- The handler meets the State Addressed SNC definition above
- ALL of the violations linked to the evaluation(s) referred to by the Day Zero Date have a Scheduled Compliance Date.

Note: A handler that is a State Addressed SNC with a Compliance Schedule is also a State Addressed SNC.

STATE UNADDRESSED SNC

A handler is considered a State Unaddressed SNC if:

- The handler has an SNY evaluation issued by the State which has not been superceded by an SNN evaluation issued by the State
- The handler does NOT meet the definition of a State Addressed SNC

EPA ADDRESSED SNC

A handler is considered an EPA Addressed SNC if they meet any of the following three conditions:

- **The handler is a SNC and the violations linked to the evaluation referred to by the Day Zero Date have been addressed by an approved enforcement action.**
    - The handler has an SNY evaluation issued by the EPA which has not been superceded by an SNN evaluation issued by the EPA
    - ALL of the violations that are the responsibility of the EPA that are linked to the evaluation(s) referred to by the Day Zero Date (i.e., the Day Zero of the SNY evaluation equals the Evaluation Start Date of other EPA issued evaluations) are linked to an approved formal enforcement action (210-219, 310-319, 380, 385, 410-439, 510-519, 530-539, 610-639, 810-869) issued by the EPA with an SNY Date equal to the Evaluation Start Date of the SNY evaluation
- **The handler is a SNC and the SNY evaluation has been addressed by an approved "orphan" enforcement action.**
    - The handler has an SNY evaluation issued by the EPA which has not been superceded by an SNN evaluation issued by the EPA
    - An approved formal enforcement action issued by the EPA with an SNY date equal to the Evaluation Start Date of the SNY evaluation exists and the enforcement action is not linked to any violation
- **The handler is a SNC and the responsibility has been transferred to EPA.**
    - The handler has an SNY evaluation issued by the EPA which has not been superceded by an SNN evaluation issued by the EPA
    - ALL of the violations linked to the evaluation(s) referred to by the Day Zero Date (i.e., the Day Zero of the SNY evaluation equals the Evaluation Start Date of other EPA issued evaluations) are linked to an 820 enforcement action issued by the EPA with an SNY Date equal to the Evaluation Start Date of the SNY evaluation.

EPA ADDRESSED SNC WITH A COMPLIANCE SCHEDULE

A handler is considered an EPA Addressed SNC with a Compliance Schedule if:

- The handler meets the EPA Addressed SNC definition above

- ALL of the violations linked to the evaluation(s) referred to by the Day Zero Date have a Scheduled Compliance Date.

Note: A handler that is an EPA Addressed SNC with a Compliance Schedule is also an EPA Addressed SNC.

EPA UNADDRESSED SNC

A handler is considered an EPA Unaddressed SNC if:

- The handler has an SNY evaluation issued by the EPA which has not been superceded by an SNN evaluation issued by the EPA
- The handler does NOT meet the definition of an EPA Addressed SNC

Evaluations

ADD EVALUATION

To add an evaluation, click the "Add Evaluation" button on Evaluation tab of the CM&E Dashboard. ***Note: The "Add Evaluation" button will not be present if you do not have Add/Update, Delete, or Admin permissions for the CM&E Module.***

The General Information (Location of Activity, Responsible Agency, Evaluation Identifier, and Evaluation Type), and Evaluation Start Date will be displayed. Once you provide this information, the remaining information related to the evaluation record will be displayed. ***Warning: If you change any of this key information during the data entry process, you will lose all of your data entry EXCEPT these key fields.***

REQUIRED DATA

Required data elements are marked with a red asterisk next to the label. At a minimum, data for these items must be provided in order to save your evaluation. Some data are required based on the value of other data. For example, if you select an evaluation type of "FCI", then you must also provide a focus area. This is what we call conditionally-required data. Another example of conditionally-required data includes comments which must be provided if the evaluation type is "SNN". These asterisks are dynamic, so as you enter and/or change data, the asterisks will be appropriately refreshed.

LOCATION OF ACTIVITY / RESPONSIBLE AGENCY

The values provided in the Location of Activity and Responsible Agency are based on the entities (States and/or Regions) for which the user has CM&E permissions. Click here for additional information.

EVALUATION IDENTIFIER

The Evaluation Identifier is used to help uniquely identify multiple evaluations that occur on the same day. The Evaluation Identifier may be any combination of 1 to 3 letters and/or numbers and defaults to a value of "001". The combination of Location of Activity, Responsible Agency, Evaluation Identifier, and Evaluation Start Date must be unique for each evaluation. If the combination is not unique, an error message will be displayed on the Evaluation Identifier field.

EVALUATION TYPE

There are many types of evaluations defined within RCRAInfo. These evaluations are categorized into two groups: 1) Non-Follow Up Evaluations and 2) Follow Up Evaluations. This categorization is important because there are business rules that indicate when a follow up evaluation can occur and the business rules associated with the Day Zero date differs for non-follow up and follow up evaluations. ***Note: The "SNY" (Significant Non-Complier) and "SNN" (No Longer a Significant Non-Complier) evaluation types are considered neither non-follow up nor follow up evaluations. Each of these evaluation types have their own business rules associated with when they can occur and the value of Day Zero.***

Other business rules associated with evaluation types indicate if additional information must be provided (i.e., focus area) or if violations can be identified. See the Business Rules section of the on-line Data Element Dictionary for a complete list of the business rules associated with the Evaluation Type.

DAY ZERO

The Day Zero value is provided in several different methods depending on the evaluation type selected.

- For non-follow up evaluations, the Day Zero is set to the value of the Evaluation Start Date and cannot be changed.
- For follow up evaluations, a drop-down list will be provided showing all non-follow up evaluations that have occurred no more than five (5) years prior to the Evaluation Start Date provided. The user must select the appropriate evaluation from this list to identify the evaluation that this evaluation is a follow up to.
- For "SNY" (Significant Non-Complier) evaluations, a drop-down list will be provided showing all non-follow up evaluations that have occurred no more than five (5) years prior to the Evaluation Start Date provided. The user may select an evaluation from this list to indicate the evaluation that determined the handler to be a significant non-complier, or provide a date in the Reclassified SV field indicating the date that the handler was determined to be a significant non-complier. If a date is entered in the Reclassified SV field, then Internal Notes must be provided explaining why this date is day zero.
- For "SNN" (No Longer a Significant Non-Complier) evaluations, Day Zero cannot be provided.

EVALUATION INDICATOR

One or more Evaluation Indicators (Citizen Complaint, Multimedia Inspection, Sampling, and/or Not Subtitle C) may be selected by clicking the checkbox next to the appropriate indicator.

COMMITMENTS

To link this evaluation to a pre-defined commitment, slide the "Do you want to link any commitments?" slider box to "Yes". The Linked Commitments panel will be displayed. Click the "Link Commitments" button. The commitments that have been pre-defined and that pertain to this handler (i.e., commitments with an Activity Location equal to the State in which the

handler is located) will be displayed. Click the checkbox under the Link column to link this evaluation to the appropriate commitment. If no commitments are displayed, you will need to define a commitment using the Commitment Maintenance Utility. ***Note: If you slide the "Do you want to link any commitments?" slider box to "Yes", you MUST link the evaluation to at least one commitment.***

3007 INFORMATION REQUESTS

To link this evaluation to an existing 3007 information request, slide the "Do you want to link any 3007 Information Requests?" slider box to "Yes". The Linked 3007 Information Requests panel will be displayed. Click the "Link 3007 Info Requests" button. The 3007 information requests associated with this handler will be displayed. Click the checkbox under the Link column to link this evaluation to the appropriate information request. If no information requests are displayed, you can enter a 3007 Information Request from the 3007 Info Request tab on the CM&E dashboard. ***Note: If you slide the "Do you want to link any 3007 Information Requests?" slider box to "Yes", you MUST link the evaluation to at least one 3007 information request.***

VIOLATIONS

The user must select a radio button to indicate if this evaluation found violations, did not find violations, or if it is unknown at this time whether violations exist. If you select "Yes, violations or compliance issues were found", the Added Violations panel will be displayed. At this time you can add a new violation (either using a violation or using a citation) and/or link to existing violations (either open violations [have not returned to compliance] or returned to compliance violations).

ADD VIOLATION

To add a new violation, click the "Add Violation" button. A pop-up window will be displayed asking you to identify the Violation Type. Once you have selected the appropriate violation type, the remainder of the data associated with the violation will be displayed. The Violation Determined Date will be set to the Evaluation Start Date but may be changed if needed. Provide the remaining information as required and/or appropriate, and click the "Save Changes" button. All violations added here will automatically be linked to this evaluation.

ADD VIOLATION USING CITATIONS

To add a new violation using citations, click the "Add Violation using Citations" button. A pop-up window will be displayed asking you to specify the Citation Type. Next, you must select a Citation. If the Citation Type and Citation is associated with only one Federal violation, the Violation Type will automatically be populated and the remainder of the data associated with

the violation will be displayed. If multiple violation types are associated with the Citation Type and Citation, you must select the appropriate Violation Type before the remainder of the data associated with the violation will be displayed. The Violation Determined Date will be set to the Evaluation Start Date but may be changed if needed. Provide the remaining information as required and/or appropriate, and click the "Save Changes" button. All violations added here will automatically be linked to this evaluation.

LINK OPEN VIOLATIONS

To link this evaluation to violations that have previously been identified at this handler and have not returned to compliance, click the "Link Open Violations" button. A pop-up window will be displayed showing the non-RTC'd violations that occurred on or before this evaluation. Click the checkbox in the Link column to link one or more violations to the evaluation, then click the "Link Selected Violations" button. The violations selected will be linked to this evaluation.

LINK RTC VIOLATIONS

In some instances it is appropriate to link an evaluation to a violation that has already returned to compliance. To link this evaluation to violations that have previously been identified at this handler and have returned to compliance, click the "Link RTC Violations" button. A pop-up window will be displayed showing the RTC'd violations that occurred on or before this evaluation. Click the checkbox in the Link column to link one or more violations to the evaluation, then click the "Link Selected Violations" button. The violations selected will be linked to this evaluation.

ACTION COLUMN

The Action column in the Added Violations table allows you act upon the violations that you have linked to this violation. The actions differ based on whether the violation was added via this evaluation or whether the violation previously existed and was linked to this evaluation. The table below shows the actions that can be taken and the result of that action.

Actions for Violations Added (either as a violation or using a citation)

- Edit ("pencil" icon) - This action allows you to edit the violation information that you just added. A pop-up window will display the violation information in the same manner by which it was entered (i.e., either as a violation or using a citation). You may edit all information associated with this violation as appropriate.
- Delete ("X" icon) - This action unlinks the evaluation from the violation and deletes the violation. You will be asked to confirm that you want to unlink and delete the violation.

Actions for Open Violations Linked to this Evaluation

- Edit ("pencil" icon) - This action allows you to enter an Actual RTC Date and Qualifier for the violation as well as provide Comments. No other data for the violation can be changed.
- Unlink ("unlinked chain" icon) - This action will unlink the violation from this evaluation. This action does NOT delete the violation.

Actions for RTC Violations Linked to this Evaluation

- Unlink ("unlinked chain" icon) - This action will unlink the violation from this evaluation. This action does NOT delete the violation.

NOTICE OF COMPLIANCE DATE

The Notice of Compliance Date (NoC Date) will be displayed next to the Found Violation determination if the Found Violation flag is set to "No", or the Found Violation flag is set to "Yes" and all of the violations linked to the evaluation have returned to compliance.

REVIEW

Once you have completed all of the data entry for the evaluation including violations if appropriate, click the "Review" button at the bottom of the page. If you have any required data that is missing or data that does not meet the requirements of the business rules, an error will be displayed and you will be taken to that portion of the form to complete or correct the information. You cannot proceed with the review process until all required data is provided and all data meets the business rules.

If all required data is provided and meets the business rules, the Evaluation Review page will be displayed. This page shows all of the information provided for the evaluation and violations, if appropriate, in a read-only format. If the data is correct, click the "Save" button at the bottom of the page to save the new evaluation and/or violations to the RCRAInfo database. If you see errors or need to make revisions to the data, click the "Make Changes" button at the bottom of the page to return to the Add Evaluation page. ***Note: The new evaluation record will not be saved to the database and available for queries and/or reports until the "Save" button is clicked on the Evaluation Review page.***

UPDATE EVALUATION

The Update feature is provided to allow users to update and/or correct previously entered evaluation data. To update an evaluation, go to the "Evaluations" tab on the CM&E Dashboard, click the "pencil" icon in the Action column next to the evaluation of interest.

DATA THAT CANNOT BE UPDATED

The user is not allowed to update the following data once an evaluation is created: Location of Activity, Responsible Agency, Evaluation Identifier, Evaluation Type, Evaluation Start Date, and Day Zero. If any of this information is incorrect, you will need to do the following to correct the appropriate information:

1. Create a new evaluation with the correct Location of Activity, Responsible Agency, Evaluation Identifier, Evaluation Type, Evaluation Start Date, and Day Zero.
2. Link the evaluation to the appropriate violations, if any.
3. Delete the evaluation containing the incorrect Location of Activity, Responsible Agency, Evaluation Identifier, Evaluation Type, Evaluation Start Date, and/or Day Zero. This will also delete the links between this evaluation and any violations associated with this evaluation.

DATA THAT CAN BE UPDATED

All evaluation data, with the exceptions noted above, can be added, revised, and/or deleted as appropriate including linking or unlinking commitments and 3007 information requests. You can also add, link, or unlink violations and enter the RTC Date and Qualifier for violations that have not returned to compliance.

FOUND VIOLATION

If the Found Violation determination is set to "Yes", then the value of this flag cannot be changed. If the Found Violation determination is set to "No" or "Undetermined", then the value of the flag can be changed to any value. If the value of the Found Violation flag is changed to "Yes", you will need to add and/or link at least one violation to the evaluation.

COMMITMENTS

To update commitment data, click the "pencil" icon next to the commitment of interest. The user may add, revise, and/or delete the Comments as appropriate. Click the "Save Changes" button to save your changes.

LINK A COMMITMENT

To link this evaluation to a pre-defined commitment, slide the "Do you want to link any commitments?" slider box from "No" to "Yes". The Linked Commitments panel will be displayed. ***Note: If the evaluation is already linked to a commitment, the "Do you want to link any commitments" slider box will already be set to "Yes" and the Linked Commitments panel showing the linked commitments will be displayed.*** Click the "Link Commitments" button. The commitments associated with this activity location will be displayed. Click the checkbox under the Link column to link this evaluation to the appropriate commitment. If no commitments are displayed, you can create a commitment using the Commitment Maintenance Utility. ***Note: If you slide the "Do you want to link any commitments?" slider box to "Yes", you MUST link the evaluation to at least one commitment.***

UNLINK A COMMITMENT

There are three ways to unlink a commitment from this evaluation:

1. Click the "unlinked chain" icon next to the commitment of interest;
2. Click the "Link Commitments" button, then remove the checkmark in the Link column next to the commitments of interest; or
3. Change the "Do you want to link any commitments?" slider box from "Yes" to "No". ***Note: This will unlink ALL commitments linked to this evaluation.***

3007 INFORMATION REQUESTS

To update 3007 information request data, click the "pencil" icon next to the 3007 information request of interest. The user may add, revise, and/or delete the Date Response Received, and Comments as appropriate. Once you have made all the necessary revisions, click the "Save Changes" button.

LINK A 3007 INFORMATION REQUEST

To link this evaluation to an existing 3007 information request, slide the "Do you want to link any 3007 Information Requests?" slider box from "No" to "Yes". The Linked 3007 Information Requests panel will be displayed. ***Note: If the evaluation is already linked to a 3007 information request, the "Do you want to link any 3007 Information Requests?" slider box will already be set to "Yes" and the Linked 3007 Information Requests panel showing the linked requests will be displayed.*** Click the "Link 3007 Info Requests" button. The 3007 information requests associated with this handler will be displayed. Click the checkbox under the Link column to link this evaluation to the appropriate information request. If no information requests are displayed, you can enter a 3007 Information Request from the 3007 Info Request tab on the CM&E dashboard. ***Note: If you slide the "Do you want to link any 3007 Information Requests" slider box to "Yes", you MUST link the evaluation to at least one 3007 information request.***

UNLINK A 3007 INFORMATION REQUEST(S)

There are three ways to unlink a 3007 information request from this evaluation:

1. Click the "unlinked chain" icon next to the 3007 information request of interest;
2. Click the "Link 3007 Info Requests" button, then remove the checkmark in the Link column next to the 3007 information request of interest; or
3. Change the "Do you want to link any 3007 Information Requests?" slider box from "Yes" to "No". ***Note: This will unlink ALL 3007 information requests linked to this evaluation.***

NOTICE OF COMPLIANCE DATE

The Notice of Compliance Date (NoC Date) will be displayed next to the Found Violation determination if the Found Violation flag is set to "No", or the Found Violation flag is set to "Yes" and all of the violations linked to the evaluation have returned to compliance. This date may be added or changed as appropriate.

VIOLATIONS

If the Found Violation flag is set to "Yes", the Added Violations panel is displayed. You may add new violations, link existing violations, or unlink violations.

ADD VIOLATION

To add a new violation, click the "Add Violation" button. A pop-up window will be displayed asking you to identify the Violation Type. Once you have selected the appropriate violation type, the remainder of the data associated with the violation will be displayed. The Violation Determined Date will be set to the Evaluation Start Date but may be changed if needed. Provide the remaining information as required and/or appropriate, and click the "Save Changes" button. All violations added here will automatically be linked to this evaluation.

ADD VIOLATION USING CITATIONS

To add a new violation using citations, click the "Add Violation using Citations" button. A pop-up window will be displayed asking you to specify the Citation Type. Next, you must select a Citation. If the Citation Type and Citation is associated with only one Federal violation, the Violation Type will automatically be populated and the remainder of the data associated with the violation will be displayed. If multiple violation types are associated with the Citation Type and Citation, you must select the appropriate Violation Type before the remainder of the data associated with the violation will be displayed. The Violation Determined Date will be set to the

Evaluation Start Date but may be changed if needed. Provide the remaining information as required and/or appropriate, and click the "Save Changes" button. All violations added here will automatically be linked to this evaluation.

LINK OPEN VIOLATIONS

To link this evaluation to violations that have previously been identified at this handler and have not returned to compliance, click the "Link Open Violations" button. A pop-up window will be displayed showing the non-RTC'd violations that occurred on or before this evaluation. Click the checkbox in the Link column to link one or more violations to the evaluation, then click the "Link Selected Violations" button. The violations selected will be linked to this evaluation.

LINK RTC VIOLATIONS

In some instances it is appropriate to link an evaluation to a violation that has already returned to compliance. To link this evaluation to violations that have previously been identified at this handler and have returned to compliance, click the "Link RTC Violations" button. A pop-up window will be displayed showing the RTC'd violations that occurred on or before this evaluation. Click the checkbox in the Link column to link one or more violations to the evaluation, then click the "Link Selected Violations" button. The violations selected will be linked to this evaluation.

ACTION COLUMN

The Action column in the Added Violations table allows you act upon the violations that you have linked to this violation. The actions available are:

- Edit ("pencil" icon) - The edit action is only available for violations that have not returned to compliance. Click the "pencil" icon to enter the Actual RTC Date and Qualifier for the specified violation.
- Unlink ("unlinked chain" icon) - The unlink action can be used on any violation to unlink the violation from this evaluation. ***Note: If this is the only evaluation that the violation is linked to, the violation will also be deleted. A warning message will appear indicating that the violation will be deleted. You will be prompted to confirm the deletion of the violation.***

REVIEW

Once you have completed all of the updates, click the "Review" button at the bottom of the page. If you have any required data that is missing or data that does not meet the requirements of the business rules, an error will be displayed and you will be taken to that

portion of the form to complete or correct the information. You cannot proceed with the review process until all required data is provided and all data meets the business rules.

If all required data is provided and meets the business rules, the Evaluation Review page will be displayed. This page shows all of the information provided for the evaluation and violations, if appropriate, in a read-only format. If the data is correct, click the "Save" button at the bottom of the page to save the updated evaluation and/or violations to the RCRAInfo database. If you see errors or need to make revisions to the data, click the "Make Changes" button at the bottom of the page to return to the Update Evaluation page. ***Note: The revised evaluation record will not be saved to the database and available for queries and/or reports until the "Save" button is clicked on the Evaluation Review page.***

DELETE EVALUATION

The Delete feature is provided to allow users to delete evaluation data in the case where the information was entered in error. The Delete feature should be used VERY SPARINGLY as it is imperative to maintain historical compliance monitoring information regarding a site. To delete an evaluation, click the "pencil" icon on the Evaluation tab of the CM&E dashboard next to the evaluation of interest. The Update Evaluation page will be displayed. To delete the selected evaluation, click the "Delete" button at the bottom of the page. You will be asked to confirm the deletion. If the evaluation is linked to violations that are not linked to any other evaluations, those violations will be displayed on the confirmation screen. If you confirm to delete the evaluation, all violations that are only linked to the evaluation will be deleted in addition to the evaluation being deleted. For violations that are linked to the evaluation being deleted but are also linked to other evaluations, the link between the violation and this evaluation will be deleted upon confirmation of the deletion process.

Violations

ADD VIOLATION

Within RCRAInfo, a violation **must** be linked to at least one evaluation. Therefore, new violations must be added as part of the add or update evaluation process.

UPDATE VIOLATION

The Update feature is provided to allow users to update and/or correct previously entered violation data. You **CANNOT** link or unlink a violation to /from an evaluation or enforcement action from the Violations tab. Refer to Update Evaluation to link or unlink a violation to an evaluation or to Update Enforcement to link or unlink a violation to an enforcement action.

To update a violation, go to the "Violations" tab on the CM&E Dashboard, click the "pencil" icon in the Action column next to the violation of interest.

DATA THAT CANNOT BE UPDATED

The user is not allowed to update the following data once a violation is created: Location of Activity, Responsible Agency, Evaluation Identifier, and Determined by Agency.

DATA THAT CAN BE UPDATED

All violation data, with the exceptions noted above, can be added, revised, and/or deleted as appropriate including Violation Type, Citations, Former Citation, Determined Date, Actual Return to Compliance Date, RTC Qualifier, and Comments. Once you have made all the necessary revisions, click the "Save Changes" button.

DELETE VIOLATION

The Delete feature is provided to allow users to delete violation data in the case where the information was entered in error. The Delete feature should be used VERY SPARINGLY as it is imperative to maintain historical compliance monitoring information regarding a site. To delete a violation, click the "X" icon on the "Violations" tab of the CM&E dashboard next to the violation of interest. A pop-up window showing the evaluations and/or enforcement actions that are linked to this violation will be displayed. If you click the "Continue" button, the violation will be deleted and the links to the evaluation(s) and/or enforcement action(s) will also be deleted. If the violation was the only violation linked to a given evaluation, the Found Violation determination flag for the evaluation will be reset to "No".

Enforcements

ADD ENFORCEMENT

To add an enforcement, click the "Add Enforcement" button on Evaluation tab of the CM&E Dashboard. ***Note: The "Add Enforcement" button will not be present if you do not have Add/Update, Delete, or Admin permissions for the CM&E Module.***

The General Information (Location of Activity, Responsible Agency, Enforcement Identifier, and Enforcement Type, and Enforcement Date) will be displayed. Once you provide this information, the remaining information related to the enforcement record will be displayed. ***Warning: If you change any of this key information during the data entry process, you will lose all of your data entry EXCEPT these key fields.***

REQUIRED DATA

Required data elements are marked with a red asterisk next to the label. At a minimum, data for these items must be provided in order to save your enforcement Some data are required based on the value of other data. For example, if you select an enforcement type of "380I", then you must also provide a CA/FO number. This is what we call conditionally-required data. These asterisks are dynamic, so as you enter and/or change data, the asterisks will be appropriately refreshed.

LOCATION OF ACTIVITY / RESPONSIBLE AGENCY

The values provided in the Location of Activity and Responsible Agency are based on the entities (States and/or Regions) for which the user has CM&E permissions. Click here for additional information.

ENFORCEMENT IDENTIFIER

The Enforcement Identifier is used to help uniquely identify multiple enforcements that occur on the same day. The Enforcement Identifier may be any combination of 1 to 3 letters and/or numbers and defaults to a value of "001". The combination of Location of Activity, Responsible Agency, Enforcement Identifier, and Enforcement Date must be unique for each enforcement. If the combination is not unique, an error message will be displayed on the Enforcement Identifier field.

CA/FO NUMBER

If you select an Enforcement Type of "380 - Multi-site CA/FO", you will be prompted to select a CA/FO Number from the drop-down list provided. If the appropriate CA/FO Number is not

present in the drop-down list, you will need to define the CA/FO number using the CA/FO Maintenance Utility.

ADDRESSES SIGNIFICANT NON-COMPLIER DETERMINATION

For handlers that are currently a significant non-complier or were a significant non-complier during the time that this enforcement was enacted, you can indicate if this enforcement addressed the issues that attributed to the handlers significant non-complier determination by moving the "Does this Enforcement Action address any significant non-complier determination(s)" slider box to "Yes", then click the "Link SNC Determinations" button. A list of the SNY evaluations for the agency responsible for the enforcement will be displayed. Click the checkbox in the Link column to link this enforcement to one or more SNY evaluations, then click the "Link Selected SNY Evaluations" button. The SNY evaluations selected will be linked to this enforcement. ***Note: In order for a significant non-complier to be considered "addressed", an appropriate enforcement (i.e., formal enforcement action) must be linked to the SNY evaluation.***

VIOLATIONS

The user may link this enforcement to one or more existing violations. To link a violation to this enforcement, slide the "Do you want to link violations?" box to "Yes".

LINK OPEN VIOLATIONS

To link this enforcement to an open violation (i.e., a violation that has not returned to compliance), click the "Link Open Violations" button. A pop-up window will be displayed showing the non-RTC'd violations that occurred on or before this enforcement. Click the checkbox in the Link column to link one or more violations to the enforcement, then click the "Link Selected Violations" button. The violations selected will be linked to this enforcement. .

LINK RTC VIOLATIONS

In some instances it is appropriate to link an enforcement to a violation that has already returned to compliance. To link this enforcement to violations that have returned to compliance, click the "Link RTC Violations" button. A pop-up window will be displayed showing the RTC'd violations that occurred on or before this enforcement. Click the checkbox in the Link column to link one or more violations to the enforcement, then click the "Link Selected Violations" button. The violations selected will be linked to this enforcement.

ACTION COLUMN

The Action column in the Added Violations table allows you act upon the violations that you have linked to this violation. The actions differ based on whether the violation is an open violation or if the violation has returned to compliance. The information below shows the actions that can be taken and the result of that action.

Actions for Open Violations Linked to this Evaluation

- Edit ("pencil" icon) - This action allows you to enter an Actual RTC Date and Qualifier or a Scheduled Compliance Date for the violation as well as provide Comments. No other data for the violation can be changed.
- Unlink ("unlinked chain" icon) - This action will unlink the violation from this enforcement. This action does NOT delete the violation.

Actions for RTC Violations Linked to this Evaluation

- Unlink ("unlinked chain" icon) - This action will unlink the violation from this enforcement. This action does NOT delete the violation.

UPDATE RTC DATES

If there is at least one violation that does not have an Actual RTC Date, an "Update RTC Dates" button will be displayed in the lower right-hand corner of the Violations panel. Clicking this button will display a pop-up window containing the open violations (i.e., violations that have not returned to compliance). From this pop-up window, you may enter the Scheduled Compliance Date, Actual RTC Date, and/or Qualifier for each violation as appropriate. This button is a short-cut to pushing the "pencil" icon for each violation as documented above.

SUPPLEMENTAL ENVIRONMENTAL PROJECT (SEP)

Supplemental Environmental Projects (SEPs) are environmentally beneficial projects which furthers EPA's goals to protect and enhance public health and the environment and may be part of an enforcement action settlement. To add a SEP to this enforcement, move the "Do you want to add any Supplemental Environmental Projects (SEPs)?" slider box to "Yes", then click the "Add SEP" button.

Provide the applicable information related to the SEP including the SEP Type and the Scheduled or Actual Completion Date. Once you have provided all information related to the SEP, click the "Save Changes" button.

You may edit the SEP data by clicking the "pencil" icon or delete the SEP data by clicking the "X" icon in the Action column.

PENALTIES

An enforcement action may assess various penalties. To add a penalty to this enforcement, move the "Do you want to add any Penalties?" slider box to "Yes", then click the "Add Penalty" button.

Provide the applicable information related to the penalty including the Penalty Type and the Amount. Once you have provided all information related to the penalty, click the "Save Changes" button.

You may edit the penalty data by clicking the "pencil" icon or delete the penalty data by clicking the "X" icon in the Action column. ***Note: If you delete a penalty, all payment data associated with this penalty will also be deleted.***

PAYMENTS

To enter a payment schedule or to record actual payments received, click the number in the "Number of Payments" column for the appropriate penalty. To add a payment (either a scheduled payment or actual payment), click the "Add Payment" button. Enter the applicable information related to this payment including Scheduled Date and Amount or Paid Date and Amount. Click the "Add Payment" button to add additional payment records. You may delete a payment record by clicking the "X" icon in the Action column.

Once you have provided payment information for all of the payment records, click the "Save Changes" button. The number of payment records associated with this penalty will be displayed in the "Number of Payments" column within the Penalty panel.

REVIEW

Once you have completed all of the data entry for the enforcement including violations, SEPs, penalties, and payments, if appropriate, click the "Review" button at the bottom of the page. If you have any required data that is missing or data that does not meet the requirements of the business rules, an error will be displayed and you will be taken to that portion of the form to complete or correct the information. You cannot proceed with the review process until all required data is provided and all data meets the business rules.

If all required data is provided and meets the business rules, the Enforcement Review page will be displayed. This page shows all of the information provided for the enforcement including linked violatations, SEPs, penalties, and payments, if appropriate, in a read-only format. If the data is correct, click the "Save" button at the bottom of the page to save the new enforcement to the RCRAInfo database. If you see errors or need to make revisions to the data, click the "Make Changes" button at the bottom of the page to return to the Add Enforcement page.

Note: The new enforcement record will not be saved to the database and available for queries and/or reports until the "Save" button is clicked on the Enforcement Review page.

UPDATE ENFORCEMENT

The Update feature is provided to allow users to update and/or correct previously entered enforcement data. To update an enforcement, go to the "Enforcements" tab on the CM&E Dashboard, click the "pencil" icon in the Action column next to the enforcement of interest.

DATA THAT CANNOT BE UPDATED

The user is not allowed to update the following data once an enforcement is created: Location of Activity, Responsible Agency, Enforcement Identifier, Enforcement Type, and Enforcement Date.

DATA THAT CAN BE UPDATED

All enforcement data, with the exceptions noted above, can be added, revised, and/or deleted as appropriate including SEP, penalty, and payment data. You can also link or unlink violations and enter the RTC Date and Qualifier for violations that have not returned to compliance.

VIOLATIONS

You may link to this enforcement or unlink violations from this enforcement, as appropriate.

LINK OPEN VIOLATIONS

To link this enforcement to violations that have previously been identified at this handler and have not returned to compliance, click the "Link Open Violations" button. A pop-up window will be displayed showing the non-RTC'd violations that occurred on or before this enforcement. Click the checkbox in the Link column to link one or more violations to the enforcement, then click the "Link Selected Violations" button. The violations selected will be linked to this enforcement.

LINK RTC VIOLATIONS

In some instances it is appropriate to link an enforcement to a violation that has already returned to compliance. To link this enforcement to violations that have previously been identified at this handler and have returned to compliance, click the "Link RTC Violations" button. A pop-up window will be displayed showing the RTC'd violations that occurred on or before this enforcement. Click the checkbox in the Link column to link one or more violations to the enforcement, then click the "Link Selected Violations" button. The violations selected will be linked to this enforcement.

ACTION COLUMN

The Action column in the Added Violations table allows you act upon the violations that you have linked to this violation. The actions differ based on whether the violation is an open violation or if the violation has returned to compliance. The information below shows the actions that can be taken and the result of that action.

Actions for Open Violations Linked to this Evaluation

- Edit ("pencil" icon) - This action allows you to enter an Actual RTC Date and Qualifier for the violation as well as provide Comments. No other data for the violation can be changed.
- Unlink ("unlinked chain" icon) - This action will unlink the violation from this enforcement. This action does NOT delete the violation.

Actions for RTC Violations Linked to this Evaluation

- Unlink ("unlinked chain" icon) - This action will unlink the violation from this enforcement. This action does NOT delete the violation.

UPDATE RTC DATES

If there is at least one violation that does not have an Actual RTC Date, an "Update RTC Dates" button will be displayed in the lower right-hand corner of the Violations panel. Clicking this button will display a pop-up window containing the open violations (i.e., violations that have not returned to compliance). From this pop-up window, you may enter the Scheduled Compliance Date, Actual RTC Date, and/or Qualifier for each violation as appropriate. This button is a short-cut to pushing the "pencil" icon for each violation as documented above.

SUPPLEMENTAL ENVIRONMENTAL PROJECT (SEP)

To add a SEP to this enforcement, move the "Do you want to add any Supplemental Environmental Projects (SEPs)?" slider box to "Yes", then click the "Add SEP" button.

Provide the applicable information related to the SEP including the SEP Type and the Scheduled or Actual Completion Date. Once you have provided all information related to the SEP, click the "Save Changes" button.

To update SEP data, click the "pencil" icon next to the SEP of interest. The user may add, revise, and/or delete the Scheduled Completion Date, Actual Completion Date, Defaulted Date, and/or Comments as appropriate. Click the "Save Changes" button to save your changes.

To delete SEP data, click the "X" icon next to the SEP of interest.

PENALTY

To add a penalty to this enforcement, move the "Do you want to add any Penalties?" slider box to "Yes", then click the "Add Penalty" button.

Provide the applicable information related to the penalty including the Penalty Type and the Amount. Once you have provided all information related to the penalty, click the "Save Changes" button.

To update penalty data, click the "pencil" icon next to the penalty of interest. The user may add, revise, and/or delete the Amount and/or Comments as appropriate. Click the "Save Changes" button to save your changes.

To delete penalty data, click the "X" icon next to the penalty of interest. ***Note: If you delete a penalty, all payment data associated with this penalty will also be deleted.***

PAYMENT

To add, revise, or delete a payment record, click the number in the "Number of Payments" column for the appropriate penalty. All of the payment records, if any, associated with this penalty will be displayed. You may add, revise, and/or delete the Scheduled Date and Amount, Paid Date and Amount, Defaulted Date, and/or Comments as appropriate.

Click the "Add Payment" button to add a new or additional payment records. Enter the applicable information related to this payment including Scheduled Date and Amount or Paid Date and Amount.

To delete payment data, click the "X' icon next to the payment of interest.

Once you have added, revised, and/or deleted the payment information for this penalty, click the "Save Changes" button. The number of payment records associated with this penalty will be displayed in the "Number of Payments" column within the Penalty panel.

REVIEW

Once you have completed all of the updates, click the "Review" button at the bottom of the page. If you have any required data that is missing or data that does not meet the requirements of the business rules, an error will be displayed and you will be taken to that portion of the form to complete or correct the information. You cannot proceed with the review process until all required data is provided and all data meets the business rules.

If all required data is provided and meets the business rules, the Enforcement Review page will be displayed. This page shows all of the information provided for the enforcement including linked violatations, SEPs, penalties, and payments, if appropriate, in a read-only format. If the data is correct, click the "Save" button at the bottom of the page to save the revised enforcement to the RCRAInfo database. If you see errors or need to make revisions to the data, click the "Make Changes" button at the bottom of the page to return to the Update Enforcement page. ***Note: The revised enforcement record will not be saved to the database and available for queries and/or reports until the "Save" button is clicked on the Enforcement Review page.***

DELETE ENFORCEMENT

The Delete feature is provided to allow users to delete enforcement data in the case where the information was entered in error. The Delete feature should be used VERY SPARINGLY as it is imperative to maintain historical compliance monitoring and enforcement information regarding a site. To delete an enforcement, click the "pencil" icon on the Enforcement tab of the CM&E dashboard next to the enforcement of interest. The Update Enforcement page will be displayed. To delete the selected enforcement, click the "Delete" button at the bottom of the page. You will be asked to confirm the deletion. If you confirm to delete the enforcement, the enforcement and all associated SEPs, penalties and payments will be deleted. In addition, the link between the enforcement and all associated violations will also be deleted, however, the violations will NOT be deleted.

3007 Information Requests

ADD 3007 INFORMATION REQUEST

Information obtained during inspections is the primary material used in developing enforcement cases. For this reason, it is crucial that sufficient and accurate evidence is properly obtained. The issuance of 3007 information requests or the State equivalent allows RCRA case development staff to collect information from the RCRA inspection team both before and after the inspection process. These requests help the case development staff ensure that information gathered from an inspection is adequate and complete.

ADD NEW REQUEST

To add a 3007 information request, click the "Add 3007 Info Request" button on 3007 Info Requests tab of the CM&E Dashboard. ***Note: The "Add 3007 Info Request" button will not be present if you do not have Add/Update, Delete, or Admin permissions for the CM&E Module.***

A pop-up window will be displayed, prompting you to provide the Location of Activity, Responsible Agency, and Date of Request. Optionally, you may provide Comments associated with the request. The values provided in the Location of Activity and Responsible Agency are based on the entities (States and/or Regions) for which the user has CM&E permissions. You cannot select a Responsible Agency until you first select a Location of Activity. Once you have provided all of the information, click the "Save Changes" button to save the data associated with this 3007 information request.

ADD LINK TO EVALUATION

To link a request to an evaluation, the user must either add or update an evaluation. You cannot manipulate linking of a 3007 information request to an evaluation from the "3007 Info Requests" tab.

UPDATE 3007 INFORMATION REQUEST

The Update feature is provided to allow users to update and/or correct previously entered 3007 information request data. The 3007 information request may be updated either from the "3007 Info Requests" tab or the "Evaluations" tab on the CM&E Dashboard.

DATA THAT CANNOT BE UPDATED

The user is not allowed to update the Location of Activity or the Responsible Agency once a 3007 information request created.

UPDATE FROM "3007 INFO REQUESTS" TAB

To update 3007 information request data from the "3007 Info Requests" tab, click the "3007 Info Requests" tab from the CM&E Dashboard, then click the "pencil" icon in the Action column next to the 3007 information request of interest. The user may add, revise, and/or delete the Date of Request, Date Response Received, and Comments as appropriate. ***Note: Links associating this information request to an evaluation must be administered (i.e., added, updated, or deleted) from the evaluation the information request is associated or is to be associated (see below).*** Once you have made all the necessary revisions, click the "Save Changes" button.

UPDATE FROM "EVALUATIONS" TAB

To update 3007 information request data (including the link between an evaluation and a 3007 information request), click the "Evaluations" tab on the CM& Dashboard, then click the "pencil" icon in the Action column next to the evaluation that is or should be linked to the 3007 information request of interest. Scroll down to the 3007 Information Requests section on the page. To revise the data associated with an existing 3007 information request, click the "pencil" icon next to the 3007 information request of interest. The user may add, revise, and/or delete the Date Response Received, and Comments as appropriate. Once you have made all the necessary revisions, click the "Save Changes" button.

LINK A 3007 INFORMATION REQUEST

To link this evaluation to an existing 3007 information request, slide the "Do you want to link any 3007 Information Requests?" slider box from "No" to "Yes". The Linked 3007 Information Requests panel will be displayed. ***Note: If the evaluation is already linked to a 3007 information request, the "Do you want to link any 3007 Information Requests?" slider box will already be set to "Yes" and the Linked 3007 Information Requests panel showing the linked requests will be displayed.*** Click the "Link 3007 Info Requests" button. The 3007 information

requests associated with this handler will be displayed. Click the checkbox under the Link column to link this evaluation to the appropriate information request. If no information requests are displayed, you can enter a 3007 Information Request from the 3007 Info Request tab on the CM&E dashboard. ***Note: If you slide the "Do you want to link any 3007 Information Requests" slider box to "Yes", you MUST link the evaluation to at least one 3007 information request.***

UNLINK A 3007 INFORMATION REQUEST(S)

There are three ways to unlink a 3007 information request from this evaluation:

1. Click the "unlinked chain" icon next to the 3007 information request of interest;
2. Click the "Link 3007 Info Requests" button, then remove the checkmark in the Link column next to the 3007 information request of interest; or
3. Change the "Do you want to link any 3007 Information Requests?" slider box from "Yes" to "No". ***Note: This will unlink ALL 3007 information requests linked to this evaluation.***

DELETE 3007 INFORMATION REQUEST

The Delete feature is provided to allow users to delete 3007 information request data in the case where the information was entered in error. The Delete feature should be used VERY SPARINGLY as it is imperative to maintain historical compliance monitoring information regarding a site. To delete a 3007 information request, click the "X" icon on the "3007 Info Requests" tab of the CM&E dashboard next to the 3007 information request of interest. A pop-up window confirming the deletion will be displayed. If you click the "Continue" button, the 3007 information request will be deleted and the links to any evaluation(s) will also be deleted.

e-Manifest

E-MANIFEST SUMMARY

The e-Manifest Summary will display the Manifest Tracking Number, Last Update Date, Shipped Date, Received Date, Certified Date, Generator ID, Transporter ID(s), TSDF ID, and Status where the selected handler is a party (either generator, transporter, or designated facility) to the manifest. ***Note: A regulator will not see a manifest unless it has one of the following statuses: Scheduled, In Transit, Received, Ready For Signature, Signed, or Signed-Complete.*** The first 5 results occuring within the last 30 days (based on the Last Updated Date) are displayed and are initially sorted in descending order by Last Updated Date, but may also be sorted by any column in either ascending or descending order by clicking the up or down arrow next to the appropriate column. You can change the number of results displayed by selecting a value from the “Show entries” drop-down list. To see manifests beyond the last 30 days, select a value from the "Date Range" drop-down list. This will show the manifests that have been Last Updated within the number of days specified. You may page through the results by using the “Previous” and “Next” buttons as appropriate.

You may refine the manifests displayed by specifying a Manifest Tracking Number in the Search box. The manifest matching that Manifest Tracking Number in its entirety will be displayed. This search is not case-sensitive. To conduct a more extensive search, go to the "Search" tab.

ACTIONS

The following actions may be taken on any individual manifest.

- Displays the manifest data in read-only mode.

Displays the waste line information (Hazardous Material Indicator, U.S. DOT Description, Number and Type of Containers, Total Quantity, Unit of Measure, Waste Codes, and Management Method Code) associated with the manifest.

E-MANIFEST SEARCH

The e-Manifest Search allows you to do a more advanced search of the manifests in which this site is a party to. You must provide search criteria for the Manifest Tracking Number, Handler ID, or Date Range. Other optional search criteria includes Status and Waste Codes. Specify the desired criteria and click "Search". The manifest must meet the condition of **ALL** of the search criteria specified with the exception of the waste codes (see Waste Codes below) to appear in the results set. Additional instructions for specifying criteria for a Handler ID, Date Range, and Waste Code is provided below.

HANDLER ID

To specify a Handler ID, you must first indicate the Site Type (Generator, Transporter, or TSDF) that you want to search. For example, if you select a Site Type of "Generator" and provide the Handler ID of "ALR000000000", manifests in which this site is a party to and the generator on the manifest is "ALR000000000' will be returned. If you do not know the Handler ID for the site for which you want to search, you may click the "Find Handler" link below the Handler ID text box. A pop-up window will be displayed allowing you to search for the handler by Handler Name and/or Location Address (Street, City, Zip, State). Click the Handler ID of the appropriate handler, if found, from the results set to populate the Handler ID text box on the primary search screen.

DATE RANGE

To specify a Date Range, first indicate the date in which you want to search against (Shipped, Received, Certifier, Last Updated). Next, indicate if you want to search within the last 30, 90, or 185 days. You may specify a specific date range by selecting "Custom" and providing a Start and End Date. It is recommended that you use as small of date range as is practical.

WASTE CODE

You may specify one or more waste codes (nationally-defined or implementer-defined) as your search criteria. The manifest must contain at least one of the waste codes specified (as well as meet all additional search criteria provided) to be included in the results set.

LOOKUP MAINTENANCE

RCRAInfo has several data elements whose values are defined by EPA Headquarters, the implementer (State and/or Region), or both. The Lookup Maintenance tool provides the mechanism by which a user may define implementer (State or Region) values. The user must have the Lookup Maintenance permission in order to manipulate (add or update) data within the lookup tables. To access this tool, click "Tools / Lookup Maintenance" from the Main header menu.

First, select the State for which you want to maintain lookup data. Next, specify the Module for which this data is associated (i.e., Handler, CM&E, eManifest, etc.). Finally, specify the Lookup Table that you want to maintain. The first 20 values will be displayed and are initially sorted in ascending order by Code, but may also be sorted by Description, Status, and Usage in either ascending or descending order by clicking the up or down arrow next to the appropriate column. You can change the number of results displayed by selecting a value from the “Show entries” drop-down list. You may page through the results by using the “Previous” and “Next” buttons as appropriate.

STANDARD DATA FIELDS

The following information is collected for all lookup tables:

- Owner - The State that is defining the lookup table value.
- Code - Typically a one or two character value that represents this definition. This is the value that is stored in the database. ***Note: If the lookup table contains headquarters-defined codes, you cannot duplicate a headquarters-defined code.***
- Description - An English description or definition of the code being defined.
- Active? - Indicates if the code is currently active. In most instances, only active codes are used to populate drop-down lists during data entry.
- Release to Public -Indicates if the code AND it's description can be released to the public via FOIA requests, RCRAInfo Web, the FTP site, or any other public forums.
- Internal Comments - Captures additional information that may be needed to define or explain the need for this code.

ADDITIONAL DATA FIELDS

Some lookup tables capture additional information. This information may include but is not limited to:

- Sort Order - Defines the order that the values should appear in a drop-down list. Use of this field is optional.
- Used in Universe Calcs - Indicates if this code should be used to determine if the site is active .
- Industry App? - Indicates if an industry user should be allowed to select this value via myRCRAid.

ADD CODE

To add a new code, click the "Add New Code" button at the bottom of the screen. A pop-up window will be displayed showing the Owner of the code (this cannot be changed). You must provide the Code and Description. The Active? flag and Release to Public flag will default to "Yes" but may be changed by sliding the appropriate box to "No". If the lookup table allows for the Sort Order to be specified, you may optionally specify an integer that will sort the codes as you see fit. Any additional information required for this lookup table should be provided accordingly.

Click "Save" to add this code to the appropriate lookup table.

UPDATE DATA

To update information associated with a specific code, click the "pencil" icon next to the code of interest. A pop-up window will be displayed showing the current data associated with that code. You may change all data associated with the code except the Owner and the Code itself. Click "Save" to save the revisions.

DELETE CODE

At this time, a code CANNOT be deleted from a lookup table. If you have defined a code that you no longer want to use, set the Active? flag to "No". This will prevent the code from being used in future data entry.

EXPORT TO CSV

You may export the codes and all of the data associated with the code to an Excel spreadsheet by clicking the "Export to CSV" button at the bottom of the page. A ".csv" file will be created which may be opened into Excel.

RENUMBER SORT ORDER

The Citation lookup table associated with the CM&E module allows you to specify the order in which the citations appear in a drop-down list. Citations are generally a combination of numeric and alpha characters and often a traditional alphanumeric sort does not produce the desired results. For example, in a traditional alphanumeric sort, the citation 265.11 would appear before 265.2. As part of the lookup table maintenance for this table, the user may provide a numerical value in the sort order field to force the citations to appear in the desired order. There may be occasions where you want to insert a new citation between two existing citations that have consecutive sort order values. For example, 265.2 has a sort order value of 10 and 265.11 has a sort order value of 11 and you want to add 265.2(A) and have it sorted after 265.2 but before 265.11. A utility is provided to renumber the sort order value so that

you can insert new citations. To invoke this utility, select the Citation table from the Lookup Maintenance screen, and click the "Renumber Sort Order" button at the bottom of the screen. A pop-up window will be displayed asking you to specify the increment to use to renumber the sort order values. You may renumber the sort order values in increments of 1, 5, or 10. Select the appropriate increment, then click the "Renumber" button. The citation sort order value will be renumbered using the increment specified.

myRCRAid

MYRCRAID INTRODUCTION

myRCRAid is an application within the RCRAInfo Industry application that allows industry users to submit the EPA Form 8700-12 (Site Identification) to their appropriate regulator. These submissions are not inserted into the RCRAInfo database until they are approved by the regulator. There are several steps that a State must complete before they can be receive submissions from the myRCRAid module and data is saved to the RCRAInfo database.

1. Request and obtain myRCRAid Maintenance permissions of "Active" for at least one user in your State.
2. Indicate that your State is participating in myRCRAid. (Click here for additional information)
3. Complete or update the mailing address for Electronic Signature Agreements. This address should reflect to whom and where and industry user will send a paper electronic signature agreement for identity proofing.
4. Use the Lookup Maintenance (Tools / Lookup Maintenance / <your state> / Handler / State Activity) to indicate state activities (if any) that should be included on the Site Id form for the regulated community.
5. Use the Lookup Maintenance (Tools / Lookup Maintenance / <your state> / Handler / Help Icons for Industry App) to provide implementer-specific help (if any) for items in Section 10 and 11 of the Site Id form. This help may include text, links, and/or images that may assist the industry user in correctly completing the form.
6. Request your regulated sites to register for a user id through RCRAInfo. ***Note: If the user already has a CDX Id, they may use their CDX credentials to login to the RCRAInfo Industry Application from the RCRAInfo Sign In page.*** (Click here for additional information). If the regulated site is already a RCRAInfo Industry user, they will need to request permissions to the myRCRAid module within the RCRAInfo Industry Application (See the RCRAInfo Industry on-line help for information on how to request additional permissions).
7. Alert your sites to the on-line help within the RCRAInfo Industry Application to instruct them on how to select sites and send submissions to the State.
8. Process submissions (approve or reject) received from the regulated community.

Additional topics in this book illustrate how a user can approve or reject myRCRAid submissions received from industry users. Topics included are:

- Outstanding Submissions - How to determine if you have submissions that need to be approved or rejected
- Pending Submissions - How to see a list of the submissions that are in a "Pending" state
- Approving Submissions - How to approve a submission
- Rejecting Submissions - How to reject a submission
- Placing Submissions On Hold - How to place a submission on hold
- Search - How to search for submissions including submissions that have been approved or rejected

PROCESSING SUBMISSIONS

In order to process myRCRAid submissions received from industry users, you must have the myRCRAid permission for the entity (i.e., State) that you are representing. For example, to process myRCRAid submissions associated with Maryland handlers, the myRCRAid permission for Maryland must be set to "Active" for your user id.

OUTSTANDING SUBMISSIONS

You can quickly determine if you have myRCRAid submissions that need to be processed if the number in the green badge next to the "myRCRAid Submissions" link on the RCRAInfo Home Page is not "0". If you have one or more submissions to process, click the "myRCRAid Submissions" link to see the outstanding submissions.

PENDING SUBMISSIONS

The "Pending" tab on the myRCRAid Home Page shows the myRCRAid submissions that require the regulator to approve or deny the submission. This tab displays the Site Id, Site Name, Submitted by, Submitted Date, and Status of the submission. The submissions are displayed sorted by the most recent submission date, but you may re-sort the submissions by clicking the arrows next to the column of interest. The arrows act as a toggle between ascending order and descending order. To sort by more than one column, click the arrows next to the column for the primary sort, then, while holding down the <shift> key, click the arrows next to the column for the secondary sort.

The first 20 submissions found will be displayed. You can change the number of submissions displayed on each page by selecting a value from the "Show entries" drop-down list. You can page through the results by using the "Previous" and "Next" buttons, as well as specific page numbers at the bottom of the page.

The Site Id will show "NOT YET ASSIGNED" for site's that are requesting an EPA Identification Number. You will be asked to assign this number during the approval process.

You can hover your mouse over the name in the Submitted By column to see that person's email address and telephone number.

To approve or reject a submission, click the Site Id of interest.

APPROVING SUBMISSIONS

The information provided by the site will be displayed in the same manner as if you were adding a new source record. You may change any information associated with the submission except the EPA Id and Activity Location. ***Note: If the Source T Setting is disabled, you cannot change the Reason for Submittal.*** Refer to Add Site Identification Form for additional information.

If the site is requesting an EPA Identification Number, two buttons, "Create a New ID" and "Assign an Existing ID", will appear under the "EPA ID" heading instead of the actual identification number. You should always ensure that an ID has not already been assigned to this site location by clicking the "Assign an Existing ID" button. A pop-up window will be displayed prompting you to provide search criteria. It is recommended that you search for the site by providing the street name, city, and/or zip. If the site is found within the search results, click the appropriate Handler ID to assign the ID to this submission. The ID will now appear under the "EPA ID" heading on the submission. Click the "Clear" link to remove the assignment of this Handler ID to this submission.

If an ID cannot be found for this site, click the "Create a New ID" button to assign an EPA Identification Number to this site. Refer to Create New Handler for additional information on assigning an Id.

It is often helpful when determining whether to approve or deny a submission to compare and review information in this submission with previous information gathered for the site. Two mechanisms are provided to assist with this comparison and review if information for this site exists in RCRAInfo:

1) By clicking the "eye" icon next to the Site Id Number in the right-hand corner of the screen, a new browser tab will open, showing the most recent source information contained in the RCRAInfo database for this site in view-only mode. You can set the browser tabs side-by-side to compare the new submission with the most recent information.

2) By clicking the "report" icon next to the Site Id Number in the right-hand corner of the screen, a new browser tab will open showing the Site Detail Report for this site containing all of the source information pertaining to this site.

Once you have determined to approve the submission, click the "Review" button at the bottom of the page. The Review Source Record page will be displayed giving you one last opportunity to review the information provided in the submission before approving the submission. To complete the approval process, click the "Approve" button at the bottom of the page. A pop-up window will be displayed providing you the opportunity to enter comments associated with this approval. These comments are visible to the regulator by searching for the submission and hovering over the "Approved" status. An email will be sent to the submitter (including the comments that were provided) indicating that the submission has been approved. Finally, the data associated with the submission is loaded into the RCRAInfo production tables as a new source record.

As part of the approval process for site's requesting an EPA Identification Number, the submitter will be granted the myRCRAid Certifier permission. However, you can change this permission to Site Manager by moving the slider box to "Yes" under the "Grant Site Manager permission for this site?" question on the pop-up window.

REJECTING SUBMISSIONS

If the information provided by the site is not complete or correct, you may reject the submission by clicking the "Reject" button at the bottom of the page. A modal will be displayed prompting you to explain why you are rejecting this submission. These comments will be included in the email sent to the submitter indicating that the submission has been rejected. Click the "Reject" button on the modal to complete the process. ***Note: If the Reason For Submittal was changed to "T - Temporary" prior to rejecting the submission, the Reason For Submittal value will revert back to the original value when the "Reject" button is clicked.***

The data associated with a rejected submission can be viewed from the Submission Search screen but cannot be approved once rejected.

PLACING SUBMISSIONS ON HOLD

Sometimes you may not be able to make an immediate determination on whether to approve or reject a submission. In these instances, you can place the submission on hold by clicking the "Place On Hold" button at the bottom of the screen. A modal will be displayed prompting you to explain why you are placing this submission on hold. These comments are for internal use only and are not shared with the submitter. Click the "Place On Hold" button on the modal to complete the process.

The submission is now moved from the "Pending" tab to the "On-Hold" tab with a status of "PendingOnHold". To complete the approval or rejection process at a later time, go to the On-Hold tab. By hovering your mouse over the status, you can see the comments that were entered when the submission was placed on hold.

To approve or reject the submission, click the Site Id of interest and follow the instructions for Approving Submissions or Rejecting Submissions above.

SUBMISSION SEARCH

Use the "Search" tab on the myRCRAid Home Page to find submissions (including previously approved and rejected submissions) under your purview. The search will, by default, search for submissions for which you have myRCRAid permissions. You may provide search criteria for the Site Id, Site Name, Status of the Submission, Submitter of the Submission (using either their last name or user id), and the Submission Date. All searches are based on an *"and"* condition between criteria; this means that **all** criteria must be satisfied for the submission to be included in the results list. Once you have provided your search criteria, click "Search".

UNSUCCESSFUL SEARCH

If the criteria that you provide does not yield any results, the results page will indicate that no submissions were found. You can return to the search page to conduct another search.

SUCCESSFUL SEARCH

Submissions found for the search criteria provided will be displayed on the results page. The page will show the Site Id, Site Name, Submitted By, Submitted Date, and Status of the Submission. Depending on your screen size, some of these columns may be "hidden". To see the hidden information, click the badge with the plus sign next to the handler of interest. You can view the data associated with a submission from this results page by clicking the Handler ID.

The results are sorted by Site Name, but you may re-sort the results set by clicking the arrows next to the column of interest. The arrows act as a toggle between ascending order and descending order. To sort by more than one column, click the arrows next to the column for the primary sort, then, while holding down the <shift> key, click the arrows next to the column for the secondary sort.

The first 20 submissions found will be displayed. You can change the number of submissions displayed on each page by selecting a value from the "Show entries" drop-down list. You can page through the results by using the "Previous" and "Next" buttons, as well as specific page numbers at the bottom of the page.

Biennial Report

BIENNIAL REPORT INTRODUCTION

The information presented in this book pertains to the Biennial Report Module within the RCRAInfo Industry Application. If you are collecting Biennial Report data using your own or a third-party vendor software, click here for information on how to upload your data into RCRAInfo.

Biennial Report is an application within the RCRAInfo Industry Application that allows industry users to submit the EPA Form 8700-13A/B (Hazardous Waste) to their appropriate regulator. There are several steps that a State must complete before an industry user can submit their Biennial Report data.

1. Request and obtain Biennial Report Maintenance permissions of "Active" for at least one user in your State.
2. Indicate that your State is participating in Biennial Report. (Click here for additional information)
3. Complete or update the mailing address for Electronic Signature Agreements. This address should reflect to whom and where and industry user will send a paper electronic signature agreement for identity proofing.
4. Use the Lookup Maintenance (Tools / Lookup Maintenance / <your state> / Handler / State Activity) to indicate state activities (if any) that should be included on the Site Id form for the regulated community.
5. Use the Lookup Maintenance (Tools / Lookup Maintenance / <your state> / Handler / Help Icons for Industry App) to provide implementer-specific help (if any) for items in Section 10 and 11 of the Site Id form. This help may include text, links, and/or images that may assist the industry user in correctly completing the form.
6. Request your regulated sites to register for a user id through RCRAInfo. ***Note: If the user already has a CDX Id, they may use their CDX credentials to login to the RCRAInfo Industry Application from the RCRAInfo Sign In page.*** (Click here for additional information). If the regulated site is already a RCRAInfo Industry user, they will need to request permissions to the Biennial Report module within the RCRAInfo Industry Application (See the RCRAInfo Industry on-line help for information on how to request additional permissions).
7. Alert your sites to the on-line help within the RCRAInfo Industry Application to instruct them on how to select sites and create a Biennial Report submission.

BASELINE CHECKLIST

The Baseline Checklist allows States to capture sites for which they anticipate receiving a Biennial Report submission. The State must create a baseline checklist with at least one site in order to begin processing submissions for the cycle year. The user must have Biennial Report Maintenance permissions of "Active" in order to create the baseline checklist. Submissions received from sites that are not on the baseline checklist will automatically be added to the baseline checklist with a status of "In Progress".

CREATE BASELINE CHECKLIST

There are two methods by which the baseline checklist may be created: 1) generate the baseline checklist based on criteria provided by the user; or 2) import the baseline checklist from Site Id's provided by the user. Regardless of which method you use, you must first select the appropriate Activity Location and Cycle Year from the drop-down lists provided. The Activity Location will contain all States for which you have the Biennial Report Maintenance permission of Active and the State has opted into the RCRAInfo Industry Application Biennial Report Module.

GENERATE BASELINE CHECKLIST

To create the baseline checklist using the generation method, you must specify the type of sites that you want on your baseline checklist. You may specify one or more generator types from the Federal Generator Status drop-down list, operating Treatment, Storage, or Disposal Facilities using the Yes/No slider box, and/or sites that submitted a Biennial Report in the previous cycle year using the Yes/No slider box. The criteria that you provide will be evaluated and return the sites that meet **ANY** of the criteria that you specified. That is, if you specify to create the baseline checklist for Large Quantity Generators and TSDFs, the baseline checklist will be populated with sites that are LQGs **OR** TSDFs (they do not have to be both). The default is to create the baseline checklist using the sites that submitted a Biennial Report in the previous cycle year. Click the "Generate Baseline Checklist" button to create your baseline checklist with the criteria that you have provided. It may take several minutes to create the baseline checklist but it is safe for you to exit the page while the baseline checklist is processing.
Note: If you specify a generator type (i.e., Large Quantity Generator, Small Quantity Generator, and/or Very Small Quantity Generator), the baseline checklist will be populated with sites that were the specified generator type AT ANY TIME during the cycle year. For example, if you indicate to include Large Quantity Generators, and a site was an LQG in January but submitted a site identification form in February indicating that they are now an

SQG, the site will still be included on the baseline checklist because they were an LQG during the cycle year even though they are no longer an LQG.

IMPORT BASELINE CHECKLIST

To create the baseline checklist using the import method, enter the Site Id for each site (one site per line) to be included on the baseline checklist. Click the "Import Baseline Checklist" button to create your baseline checklist with the Site Id(s) that you have provided. You may enter these sites manually or cut and paste the Ids from another document such as an Excel spreadsheet or the results from a BARRT query. A site will be added to the baseline checklist ONLY if it exists in RCRAInfo. Site Ids provided that cannot be found in RCRAInfo or are for a different Activity Location are ignored.

Hint: If you are not interested in using the baseline checklist to track your sites, consider creating your baseline checklist by entering one site using the import function.

USE BASELINE CHECKLIST

The baseline checklist shows the Site ID, Site Name, Site Location Address, Contact Name, Current Generator Status, TSDF Indicator, Data Origin, and Current Status. You may hover your mouse over the Contact Name to see the Contact Email Address and Contact Phone. ***Note: The envelope next to the Contact Name indicates that an email address exists for that contact.*** In order to process the Biennial Report submission for a site, the site MUST exist on the baseline checklist. If you receive a submission via the RCRAInfo Industry Application Biennial Report Module from a site that is not on the baseline checklist, the site will automatically be added to the baseline checklist with a status of "In Progress". If you receive a submission on paper for a site that is not on the baseline checklist, you will need to add that site to the baseline checklist before you can process that site. Click here for information on how to add a site to the baseline checklist.

The baseline checklist is sorted by Site Name, but you may re-sort the results set by clicking the arrows next to the column of interest. The arrows act as a toggle between ascending order and descending order. To sort by more than one column, click the arrows next to the column for the primary sort, then, while holding down the <shift> key, click the arrows next to the column for the secondary sort.

The first 20 sites will be displayed. You can change the number of sites displayed on each page by selecting a value from the "Show entries" drop-down list. You can page through the results by using the "Previous" and "Next" buttons, as well as specific page numbers at the bottom of the page.

You can filter the baseline checklist by entering a value in the Search text box located in the upper right-hand corner of the Biennial Report Baseline Checklist section. The baseline

checklist will be filtered to show the records where the Site ID starts with the search value provided or the Site Name contains the search value provided. For example, a search value of "10" of the Alaska Baseline Checklist will filter the checklist to results where the Site Name equals "COSTCO WHOLESALE #**10**" and "OLD FORT ST MICHAEL SITE (FUDS F**10**AK0307)" because the value "10" is contained within the name but would NOT return results where the Site ID equals "AKD**10**3354767" because the Site ID does not start with the value "10".

A site will have one of the following statuses: 1) Awaiting Submission; 2) In Progress; or 3) Processed. A status of "Awaiting Submission" indicates that the site has not provided a submission for this BR cycle or the electronic submission that they provided has been rejected. A status of "In Progress" indicates that the submission is awaiting the approval or rejection from the regulatory user (i.e. State or Region), or in the case of a paper submission, data entry is in progress for this site. A status of "Processed" indicates that the submission has been approved (or in the case of a paper submission the submission has been completed), the information associated with the Site Identification Form has been saved into RCRAInfo, and the Biennial Report data has been saved into a temporary location from which Biennial Report Data Quality Reports may be run.

ADD SITE TO BASELINE CHECKLIST

To add a site to the baseline checklist, click the "Add Site to Checklist" button in the lower left-hand corner. You will be prompted to provide search criteria to assist you in finding the site. Specifying the site's EPA Identification Number is the fastest and most effective way to find a given site. If you know the site's EPA Identification Number, enter the number in the Site Id box. Note: Search criteria provided is case insensitive. That is, ALD000000000 will provide the same search results as ald000000000.

If you do not know the site's EPA Identification Number, you may search for the site by utilizing any combination of the other search criteria. All searches are based on an "*and*" condition between criteria; this means that **all** criteria must be satisfied for the site to be included in the results list. Text fields are searched by removing the white space from the field then searching for the value specified anywhere within the field. For example, searching for "main" in the Street Name would find "11 MAIN ST", "MAINTENANCE AVE", or "STIGMA INTERSTATE" in the Street Name field. ***Exception: If you specify a Site Id (or part of a Site Id), the search will only return sites that have a Site Id that STARTS WITH the value provided.*** All searches are conducted on the most recent information associated with a site

Once you have provided your search criteria, click "Search". Sites found for the search criteria provided will be displayed on the Search Results window. Select the site or sites that you want to add to the baseline checklist by clicking the box next to the site or sites of interest. To select all of the sites in the Search Results window (current page only), click the box next to the "Select All" column heading.

If after several searches, you are unable to find your site, you will need to create the site within the Handler Module (click here for additional information). Once created, you can then search for the site again and add it to the baseline checklist in order to continue processing the submission.

DELETE SITE FROM BASELINE CHECKLIST

To delete a site from the baseline checklist, click the "X" in the Actions column next to the site to delete. You will be prompted to verify that you want to delete this site from the baseline checklist. To proceed with the deletion of this site, click the "Continue" button. ***Note: You can only delete a site from the baseline checklist if the Status is "Awaiting Submission".***

DELETE BASELINE CHECKLIST

The "Delete Checklist" button in the lower left-hand corner of the screen, allows you to delete ALL sites on the baseline checklist with a Status of "Awaiting Submission". You will be prompted to verify that you want to delete these sites. To proceed with the deletion, click the "Delete" button. ***Note: You will not be able to see the remaining sites on the baseline checklist (i.e., sites where the Status is not "Awaiting Submission") until you create a new baseline checklist.***

EXPORT BASELINE CHECKLIST

The baseline checklist shows the Site ID, Site Name, Site Location Address, Contact Name, Current Generator Status, TSDF Indicator, Data Origin, and Current Status. This information may be exported to a comma-separated values (CSV) file by clicking the "Export as CSV" button in the lower right-hand corner. You may then open the file into Excel. This feature is useful to 1) communicate collectively with all of the sites or a subset of sites using mail merge or email; or 2) track additional information for each site specific to your State's needs.

PROCESS ELECTRONIC SUBMISSIONS

A submission received from an industry user must be reviewed and accepted by their regulator (State and/or Region). To initiate the review process, click the "checkmark" icon next to the site of interest. The Biennial Report Dashboard for this site will be displayed. The General Information section shows the Data Origin, Submitted Date and by whom (Submitted By), and Last Updated Date and by whom (Last Updated By). You may hover over the Submitted By and Last Updated By fields to see the additional information associated with the user including the User Id, Telephone, and Email. This section also contains information for the Biennial Report to be processed including the Cycle, Generated Quantity (in tons), Management Quantity (in tons), Shipment Quantity (in tons), and Received Quantity (in tons), as well as the current Status of the submission (the initial status will be 'Submitted').

The Completed section of the dashboard provides the Generated, Management, Shipment, and Received Quantities (in tons) for prior Biennial Report submissions for this site. The information provided on this dashboard is designed to give the regulator a quick and easy assessment of how the amount of waste reported in the current submission compares to previous submissions provided by this site.

To see the individual forms (SI, GM, WR, and/or OI) that comprise the current submission, click the "pencil" icon. The Biennial Report Submission screen will be displayed. This screen will show the first 20 GM, WR, and/or OI forms associated with this submission in addition to the Site ID form. You may search for a specific GM, WR, and/or OI Form by entering a value in the Search text box within the associated form section (GM, WR, and OI). The search is conducted as follows:

GM Forms

- Page Number must equal the search value provided; or
- Waste Description must contain the search value provided.

WR Forms

- Page Number must equal the search value provided; or
- Waste Description must contain the search value provided; or
- Off-site EPA ID must start with the search value provided.

OI Forms

- Page Number must equal the search value provided; or
- Site ID must start with the search value provided; or
- Site Name must contain the search value provided.

For example, searching for the value of "1" within the WR Forms would return the record where the Page Number equals "1" as well as any Waste Descriptions that contained the value "1" such as "B-9**1** SOLIDS FROM PROCESS OF MANUFACTURING RUBBER CHEMICALS", however, it would NOT return records where the Off-site EPA ID contained a "1" such as "ALD98**1**000542" because the Off-site EPA ID must START WITH the search value provided.

The regulator may make any additions, revisions, or deletions to the submission that they deem appropriate. It is recommended that the regulator contact the site to communicate any changes that the regulator makes to the submission. Click here for information on how to make additions, revisions, or deletions to the submission.

INCLUDE IN NATIONAL REPORT FLAGS

The Include in National Report Flags are indicators that allow the regulator to determine the sites and/or waste streams associated with a submission that may be included in the National Report. ***Note: The National Report refers to the Biennial Report data provided via the public website - RCRAInfo Web (https://rcrainfo.epa.gov/rcrainfoweb).*** These flags are determined by the appropriate regulator (i.e., the flags CANNOT be set by industry users). The application will set these flags as described below when the industry user submits their data electronically. In all instances, the regulator may change the flag from "Yes" to "No" or "No" to "Yes" as appropriate.

SITE IDENTIFICATION FORM

The Include in National Report Flag associated with the Site Identification Form ALWAYS defaults to "Yes". Setting this flag to "No" indicates that the ENTIRE submission is excluded from the National Report. Setting this flag to "No" will also set the Include in National Report Flag for each individual GM and/or WR Form to "No". Sites that are Federal Large Quantity Generators (LQGs) and/or Treatment, Storage, and Disposal Facilities (TSDFs) during the reporting year must set the Include in National Report Flag on the Site Identification Form to "Yes". Sites that are not LQGs or TSDFs during the reporting year should be set to "No".

WASTE GENERATION AND MANAGEMENT (GM) FORM

The Include in National Report Flag associated with each waste stream reported on the GM Form indicates whether that particular waste stream should be included in the National Report. The Include in National Report will be set to "Yes" unless the waste stream meets any of the following conditions:

- If the waste stream is a "state-only" waste, that is, the waste stream is NOT described by any Federal Waste Codes, the Include in National Report Flag will be set to "No"

- If the waste was managed on-site via a method OTHER THAN deepwell or underground injection (H134) and the Form Code associated with the waste is one of the following, the Include in National Report Flag will be set to "No"
    - W101 - Very dilute aqueous waste containing more than 99% water
    - W105 - Acidic aqueous wastes less than 5% acid
    - W107 - Aqueous waste containing cyanides
    - W110 - Caustic aqueous waste without cyanides
    - W113 - Other aqueous waste or wastewaters
    - W119 - Other inorganic liquid

- If the waste was managed on-site via one of the following methods, the Include in National Report Flag will be set to "No"
    - H070 - Chemical treatment (reduction/destruction/oxidation/precipitation)
    - H081 - Biological treatment
    - H100 - Physical treatment only (adsorption/absorption/separation/stripping/dewatering)
    - H120 - Combination of chemical, biological, and/or physical treatment
    - H121 - Neutralization only
    - H122 - Evaporation
    - H135 - Discharge to sewer/POTW or NPDES with prior management

WASTE RECEIVED (WR) FORM

The Include in National Report Flag associated with each waste receipt reported on the WR Form indicates whether that particular waste receipt should be included in the National Report. The Include in National Report Flag is set to "Yes" for all waste receipts EXCEPT for wastes that are not described by a Federal Waste Code (i.e., state-only waste), in which the Include In National Report Flag is set to "No".

ACCEPT

After you have reviewed the submission and deemed it to be complete and correct, click the "Accept" button at the bottom of the current submission dashboard. The business rules will be validated one final time to ensure that the data still meets all of the business rules. A pop-up window identifying the errors will be displayed if any errors are found. ***Note: If the most recent handler source record for this site (prior to this Biennial Report submission) is older than April 1, 2010, you may need to populate the State Generator Status, as this field was not***

required, in some instances, prior to this date. If no errors are found, a pop-up window will be displayed allowing the regulator to provide comments, if desired. The submission will then be locked whereby neither the regulator nor the industry user can make any revisions while the data is moved to the cycle's temporary tables and the Site Identification information is moved to the Handler Module. Once this processing is complete, the submission status will be set to "Accepted", an email will be sent to the industry certifier indicating that the submission has been accepted including the comments, if any, provided by the regulator, the baseline checklist status will be set to "Processed", and the data associated with this submission will be accessible by the Biennial Report Data Quality Reports and National Biennial Report Exhibits. Also, if the Site Identification Form associated with this submission becomes the most recent handler source record for this site, the data associated with the universe calculations will be updated accordingly.

REJECT

If you review the submission and determine it to be incorrect or incomplete, click the "Reject" button at the bottom of the current submission dashboard. You MUST provide comments stating why you are rejecting the submission. Upon rejection, the submission status will be set to "Rejected", an email will be sent to the industry certifier indicating that the submission has been rejected and will include the comments stating why the submission was rejected, and the baseline checklist status will be set to "Awaiting Submission". At that time, the industry user will have the option to edit the submission and re-submit, or delete the submission and start from scratch. In any case, the industry user should resubmit the information to you in some manner (either electronically or via paper).

PLACE ON HOLD

The regulator may place a submission on hold by clicking the "Place On Hold" button at the bottom of the current submission dashboard. This button is provided to indicate that the review process has begun but additional information or clarification is needed before accepting or rejecting the submission. The regulator can provide comments indicating why the submission is being placed on hold. These comments are NOT sent to the industry user, nor will the industry user be alerted that the submission has been placed on hold. The submission status will be set to "OnHold" but the baseline checklist status will remain "In Progress" indicating that additional processing is required by the regulator.

RETURN

Once an industry user has submitted their Biennial Report to the regulator, they can no longer make additions or revisions to the submission. If they discover that their submission is in error, they may request the regulator to return the submission to allow the industry user to make the necessary corrections and resubmit. Returning the submission is not an acceptance or rejection of the submission, but rather, is just a mechanism to return control of the submission back to the industry user.

To return a submission, click the "circular arrow" icon next to the site of interest on the Baseline Checklist. This arrow is only present for site's whose Baseline Checklist status is "In Progress" or "Processed". Once you return the submission, the baseline checklist status will be set to "Awaiting Submission" and the regulator will no longer be able to access the submission. The industry user will need to resubmit the data once all additions or corrections are made.

REVISIONS HISTORY DETAILS

All interactions regarding the submission, including when the submission was created and submitted by the industry user, as well as when the submission was processed (accepted, rejected, placed on hold) by the regulator are recorded. All of these interactions may be viewed by clicking the "Revisions History Details" link in the right-hand corner of the General Information section of the Biennial Report Dashboard. A pop-up window will be displayed showing the date and time the interaction occurred, what the interaction was, who initiated the interaction, and any comments that may have been provided. The interactions are displayed in reverse chronological order (i.e., most recent interactions first).

PROCESS PAPER SUBMISSIONS

Depending on the business practices of the regulator, a site may elect to provide their Biennial Report submission on paper, rather than sending the data electronically. Paper submissions received by the regulator must be entered manually via a data entry process. These sites will have a baseline checklist status of "Awaiting Submission". If you receive a paper submission from a site that is not on the baseline checklist, you must add the site to the baseline checklist before you can begin the data entry process. Click here for information on how to add a site to the baseline checklist. If you receive a paper submission from a site that does not exist in RCRAInfo, you must create the handler via the Handler Module using the 8700-12 form included in their biennial report submission. Once the handler is created, you must add the site to the baseline checklist in order to enter and process the paper submission.

To initiate the data entry process, click the "plus" icon next to the site of interest. ***Note: If the site has created a draft submission within the Biennial Report Module of the RCRAInfo Industry Application but has not submitted the data to the regulator, the regulator will not be allowed to process the paper submission until the site deletes their draft submission. Conversely, If the regulator creates a submission using a paper submission received from the site, the site will not be allowed to create an electronic submission via the Biennial Report Module of the RCRAInfo Industry Application until the regulator deletes the submission they created.***

The Biennial Report Dashboard will be displayed. The General Information section will not contain any information at this time. The Completed section of the dashboard will provide the Generated, Management, Shipment, and Received Quantities (in tons) for prior Biennial Report submissions for this site. Click the "Create New Submission" button to enter the information associated with this paper submission. You will be prompted to indicate if you would like to copy GM information from the most recent completed submission (excluding quantities) into the new submission. If you click "Yes, bring forward GM data" all of the GM forms associated with the site's most recent completed submission will be copied into the new submission with a status of "Incomplete". Quantity information (generated, shipped, and/or managed) associated with the GM forms and comments provided with the GM forms will NOT be copied into the new submission. ***Note: You cannot bring forward your GM data if the most recent completed submission has more than 500 GM forms or is older than the 2001 report cycle.*** If you click "No, do not bring forward GM data", no GM data will be brought forward and you will have to enter all of the information associated with this submission from scratch.

The Biennial Report Submission screen will be displayed**.** This screen will show the first 20 GM forms (if the GM data was brought forward from the previous submission). The screen will also indicate that there are no WR forms at this time. From this screen you can add, edit, and/or

delete GM, WR, OI and Site ID forms, as appropriate. If you brought GM data forward from the previous submission, you will need to edit each GM form brought forward to provide the quantity and unit of measure generated, shipped, and/or managed for that waste stream during the reporting year. Click here for information on how to add, edit, and/or delete GM, WR, OI, and Site ID forms associated with this submission.

INCLUDE IN NATIONAL REPORT FLAGS

The Include in National Report Flags are indicators that allow the regulator to determine the sites and/or waste streams associated with a submission that may be included in the National Report. ***Note: The National Report refers to the Biennial Report data provided via the public website - RCRAInfo Web (https://rcrainfo.epa.gov/rcrainfoweb).*** These flags are determined by the appropriate regulator.

SITE IDENTIFICATION FORM

The Include in National Report Flag associated with the Site Identification Form ALWAYS defaults to "Yes". Setting this flag to "No" indicates that the ENTIRE submission is excluded from the National Report. Setting this flag to "No" will also set the Include in National Report Flag for each individual GM and/or WR Form to "No". Sites that are Federal Large Quantity Generators (LQGs) and/or Treatment, Storage, and Disposal Facilities (TSDFs) during the reporting year must set the Include in National Report Flag on the Site Identification Form to "Yes". Sites that are not LQGs or TSDFs during the reporting year should be set to "No".

WASTE GENERATION AND MANAGEMENT (GM) FORM

The Include in National Report Flag associated with each waste stream reported on the GM Form indicates whether that particular waste stream should be included in the National Report. If the regulator elected to populate this submission with GM data from the site's most recent Biennial Report submission, the Include in National Report flag for each waste stream will be set to the same value as the previous submission. In all other instances, the Include in National Report Flag will be set to "Yes". The regulator should consider setting the Include in National Report Flag to "No" if the waste stream meets any of the following conditions:

- If the waste stream is a "state-only" waste, that is, the waste stream is NOT described by any Federal Waste Codes, the Include in National Report Flag will be set to "No"

- If the waste was managed on-site via a method OTHER THAN deepwell or underground injection (H134) and the Form Code associated with the waste is one of the following, the Include in National Report Flag will be set to "No"
    - W101 - Very dilute aqueous waste containing more than 99% water
    - W105 - Acidic aqueous wastes less than 5% acid
    - W107 - Aqueous waste containing cyanides
    - W110 - Caustic aqueous waste without cyanides
    - W113 - Other aqueous waste or wastewaters
    - W119 - Other inorganic liquid

- If the waste was managed on-site via one of the following methods, the Include in National Report Flag will be set to "No"
    - H070 - Chemical treatment (reduction/destruction/oxidation/precipitation)
    - H081 - Biological treatment
    - H100 - Physical treatment only (adsorption/absorption/separation/stripping/dewatering)
    - H120 - Combination of chemical, biological, and/or physical treatment
    - H121 - Neutralization only
    - H122 - Evaporation
    - H135 - Discharge to sewer/POTW or NPDES with prior management

WASTE RECEIVED (WR) FORM

The Include in National Report Flag associated with each waste receipt reported on the WR Form indicates whether that particular waste receipt should be included in the National Report. The Include in National Report Flag is set to "Yes" for all waste receipts. The regulator should consider setting the Include in National Report Flag to "No" if the waste stream is not described by a Federal Waste Code (i.e., state-only waste).

SUBMIT

Once you have entered and reviewed the submission and deemed it to be complete and correct, click the "Submit" button at the bottom of the current submission dashboard. The business rules will be validated one final time to ensure that the data still meets all of the business rules. A pop-up window identifying the errors will be displayed if any errors are found. If no errors are found, a pop-up window will be displayed allowing the regulator to provide comments regarding the submission, if desired. The submission will then be locked preventing the regulator from making revisions while the data is moved to the cycle's temporary tables and the Site Identification information is moved to the Handler Module. Once this processing is complete, the submission status will be set to "Submitted", the baseline checklist status will be set to "Processed", and the data associated with this submission will be

accessible by the Biennial Report Data Quality Reports and National Biennial Report Exhibits. Also, if the Site Identification Form associated with this submission becomes the most recent handler source record for this site, the data associated with the universe calculations will be updated accordingly.

REVISIONS HISTORY DETAILS

All interactions regarding the submission, including when the submission was created and submitted by the regulator are recorded. These interactions may be viewed by clicking the "Revisions History Details" link in the right-hand corner of the General Information section of the Biennial Report Dashboard. A pop-up window will be displayed showing the date and time the interaction occurred, what the interaction was, who initiated the interaction, and any comments that may have been provided. The interactions are displayed in reverse chronological order (i.e., most recent interactions first).

PRINT SUBMISSION

You may print a portion or all of a site's submission for viewing and/or record-keeping purposes. To print an individual GM, WR, and/or OI Form, or to print the Site ID Form, click the "printer" icon next to the form of interest from the dashboard of the current BR submission. To print all of the GM, WR, and/or OI Forms associated with this submission, click the "printer" icon in the right-hand corner of each section (i.e., GM Forms section, WR Forms section, and OI Forms section). You must print one section at a time, that is, there is NOT a print button that will print the complete submission at one time. A Portable Document Format (PDF) file will be generated that you will be able to download and view using Adobe Acrobat Reader. ***Note: If the submission contains thousands of GM and/or WR forms, it may take up to 15 minutes to print that section of the submission.***

UNLOCK SUBMISSION

Once a submission is "Accepted" (for electronic submissions) or "Submitted" (for paper submissions) by a regulator, the submission is locked, preventing the industry user and regulator from making revisions to the submission. To unlock the submission, click the "padlock" icon on the current submission dashboard. By unlocking the submission, the regulator will be allowed to edit the submission. ***Note: The industry user will NOT be allowed to edit the submission unless the regulator subsequently rejects the submission or returns the submission to the industry user.*** The data associated with the previous submission will be deleted from both the cycle's temporary tables and the Site Identification information will be deleted from the Handler Module. The baseline checklist status will be set to "In Progress" and the submission status will be returned to "Submitted" for electronic submissions and "Draft" for paper submissions. Once the necessary revisions have been made by the regulator or resubmitted by the industry user if the submission was rejected or returned, the regulator will need to submit or accept the submission again using the same process as before.

REQUEST STATE SUMMARY REPORT

EPA Headquarters provides the courtesy of reviewing a State's Biennial Report data for correctness and completeness. The State (or appropriate regulator) may determine when this review occurs by clicking the "Request State Summary Report" button on the Summary tab of the Biennial Report page. ***Note: A State may only request this review ONE TIME per cycle, so the review should not be requested until the vast majority of the data for your State has been accepted. It is recommended that you run BR Data Quality Reports (particularly the Top Generator List, Top Manager List, Top Shipper List, and Top Receiver List Reports) to confirm the readiness of your data.*** A warning will be displayed asking for your confirmation that you are ready to request your State Summary Report. Click the "Continue" button for this confirmation or the "Cancel" button to discard this request. If you confirm the request, you will not be permitted to accept submissions in the baseline checklist, nor will you be able to unlock submissions previously accepted until the State Summary Report is complete.

The State Summary Report panel will be displayed indicating the status (initially "In Progress"), the regulatory person who requested the report, and the date the request was made. Also, an email will be sent to the appropriate EPA Headquarters staff to indicate that you have requested the State Summary Report for your State. The EPA staff will respond to your request by providing an Excel spreadsheet containing various information and findings regarding your State's Biennial Report data. ***Note: Depending on the number and size of States in the queue, It may take 5 - 10 business days for your request to be completed.*** This spreadsheet will be uploaded into the application and all users with Biennial Report permissions for your State will receive an email indicating that the report is complete and available for your review. Your Biennial Report data will also be unlocked so that you can resume accepting submissions or unlock submissions as needed. The status within the State Summary Report panel will show "Awaiting Response".

You will find the document within the State Summary Report panel on the Summary tab of the Biennial Report page with a type of "Report". Click the "download" icon under the Actions column to retrieve the document.

The Biennial Report process requires the State to address the findings identified within the State Summary Report either by correcting the data or providing a comment stating why the issue does not need to be addressed. Actions taken by the State and all comments should be communicated to EPA via the spreadsheet. Once you have addressed all of the findings, you must re-upload the spreadsheet with your actions and/or comments by clicking the "Upload" button. You will see your document (which may have the same file name as the original document) with a type of "Response". The status will be changed to "Completed". An email will be sent to EPA alerting them to review and verify your responses.

Load Utility

BIENNIAL REPORT LOAD

The Biennial Report Load Utility provides a mechanism for States and/or Regions that have opted not to use the Biennial Report Module within the RCRAInfo Industry Application to upload their Biennial Report data via a series of flat files. The user must have the Biennial Report Load permission for the State (activity location) in order to use the utility. Click here for information regarding the formatting of the flat files and the business rules in which the data must conform.

To upload your Biennial Report data, click "Tools" from the main header bar, select "Biennial Report Utilities", then click the "BR Load" tab. The Activity Location drop-down list will show the States for which you have the Biennial Report Load permissions. Select the appropriate State from this drop-down list. At this time, the 2017 Biennial Report Cycle is the only cycle that you may upload using this utility. Once you specify an Activity Location, the Upload Request grid will be displayed. Click the "Upload" button, then click the "Select File" button and specify the ZIP file that contains the flat files comprising your complete submission. ***Note: The file specified MUST be a ZIP file.*** Click the "Upload" button to begin the upload process. ***Note: The Biennial Report Load utility DELETES ALL existing Biennial Report data for the Activity Location and BR Cycle specified before loading the data contained in the file. Your file must ALWAYS contain ALL of the data for your State (activity location) for the given BR Cycle.***

The Biennial Report Load is an asynchronous process meaning that you can close the application while the submission continues to process in the background. The processing for most States (activity locations) will take 10 to 20 minutes. You will receive an email once the load has completed indicating whether the load was successful or if it failed. If you watch the processing you will see the utility perform the following steps:

- **Parsing and loading flat files** - This step is parsing the flat files and loading the data into staging tables
- **Validating and moving data** - This step ensures that the data meets the business rules. If it does, then the existing 2017 Biennial Report data (if any) is deleted, the data associated with the Site Identification Form is loaded into the Handler Module, and the data associated with the GM, WR, and OI Forms is loaded into a temporary schema where data quality will be assessed.
- **Load completed successfully** - This message indicates that the load completed successfully. Once you receive this message, you should run various data quality reports to ensure that the data is complete and correct.

There are two types of errors that your load may encounter: 1) load errors and 2) validation errors. Load errors are errors that occur when the utility is parsing and loading the data into the staging tables. These errors are typically invalid dates or alpha characters in a numeric field. If these errors occur, you will see "Load Error(s)" in the Reason column. Click this link to see the specific errors encountered. You will need to correct these errors and reload your ZIP file by clicking the "x" icon in the Action column to delete your current load, then click the "Upload" button to reload your data.

Once the data has been loaded into the staging tables, the data will be validated against the business rules associated with the Biennial Report specified. If your data fails to meet one or more of the business rules, you will see "Validation Error(s)" in the Reason column. Click this link to see the specific business rules that were violated. Again, you must correct these errors and reload your ZIP file by clicking the "x" icon in the Action column to delete your current load, then click the "Upload" button to reload your data. ***Note: When correcting errors, you must resubmit ALL of the data for your State, not just the data that was in error.***

You may export the errors to an Excel file by clicking the link [either Load Error(s) or Validation Error(s)], then clicking "Export as CSV" at the bottom of the pop-up window. This feature is provided to assist you in identifying the records in error in your flat files and making the necessary corrections. You may need to increase the row height in Excel to see the error messages.

Your load is successful if you see "Completed" in the Status column and "Load completed successfully" in the Reason column. You will receive an email once your load has completed. Note, however, that this does not mean that your data is correct or complete. It is imperative that you run various data quality reports to determine the completeness and correctness of your submission. Click here for information on how to run reports.

REQUEST STATE SUMMARY REPORT

EPA Headquarters provides the courtesy of reviewing a State's Biennial Report data for correctness and completeness. The State (or appropriate regulator) may determine when this review occurs by clicking the "Request State Summary Report" button on the BR Load tab of the Utilities page. This button will appear only if your most recent submission was successful and did not contain any validation errors. ***Note: A State may only request this review ONE TIME per cycle, so the review should not be requested until the vast majority of the data for your State has been loaded. It is recommended that you run BR Data Quality Reports (particularly the Top Generator List, Top Manager List, Top Shipper List, and Top Receiver List Reports) to confirm the readiness of your data.*** A warning will be displayed asking for your confirmation that you are ready to request your State Summary Report. Click the "Continue" button for this confirmation or the "Cancel" button to discard this request. If you confirm the request, you will not be able to re-load BR data for your State until the State Summary Report is complete.

The State Summary Report panel will be displayed indicating the status (initially "In Progress"), the regulatory person who requested the report, and the date the request was made. Also, an email will be sent to the appropriate EPA Headquarters staff to indicate that you have requested the State Summary Report for your State. The EPA staff will respond to your request by providing an Excel spreadsheet containing various information and findings regarding your State's Biennial Report data. ***Note: Depending on the number and size of States in the queue, It may take 5 - 10 business days for your request to be completed.*** This spreadsheet will be uploaded into the application and all users with Biennial Report permissions for your State will receive an email indicating that the report is complete and available for your review. Your Biennial Report data will also be unlocked so that you can resume loading your State's Biennial Report data as needed. The status within the State Summary Report panel will show "Awaiting Response".

You will find the document within the State Summary Report panel on the BR Load tab of the Utilities page with a type of "Report". Click the "download" icon under the Actions column to retrieve the document.

The Biennial Report process requires the State to address the findings identified within the State Summary Report either by correcting the data or providing a comment stating why the issue does not need to be addressed. Actions taken by the State and all comments should be communicated to EPA via the spreadsheet. Once you have addressed all of the findings, you must re-upload the spreadsheet with your actions and/or comments by clicking the "Upload SSR" button. You will see your document (which may have the same file name as the original document) with a type of "Response". The status will be changed to "Completed". An email will be sent to EPA alerting them to review and verify your responses.

BIENNIAL REPORT UPDATE INTRODUCTION

The information presented in this book pertains to updating Biennial Report data. Biennial Report data may be updated in one of two manners: 1) Via the Biennial Report Update process; or 2) Via the Biennial Report Update utility.

BIENNIAL REPORT UPDATE PROCESS

The Biennial Report Update process is conducted by the regulator through the RCRAInfo application. Industry users CANNOT submit updates to their submissions via the RCRAInfo Industry Application after a BR cycle is closed and final. Biennial Report data may be updated using the Biennial Report Update process if:

- the Biennial Report data is for the 2001 BR cycle or later;
- the Biennial Report cycle is closed and final (for the entire nation).

Any data meeting the criteria above is eligible to be updated, regardless of the manner in which the data was originally loaded into RCRAInfo (i.e., Biennial Report Module via the RCRAInfo Industry Application or the Biennial Report Load Utility).

Since this mechanism allows Biennial Report data from various cycles to be updated, the business rules and drop-down list values found throughout the update process may vary from the business rules and/or drop-down list values that were in place for a specific cycle. The most lenient business rules have been implemented to allow the user to appropriately include or omit data as that cycle dictated. For example, in 2005 the Form Code was not required on the GM form, therefore, if you update a GM form for ANY cycle, the Form Code will not be required. However, the intent is that you would include the information if the cycle required it, even though the software will not enforce the rule.

Likewise, for the drop-down list values, the lists will show all active and inactive values. It is your responsibility to select a value that would have been appropriate for the cycle in which you are updating. For example, in 2011, the now inactive management method H071 - chemical reduction was a valid value, however, when updating data in 2013, that management method should not be used as it was replaced by management method H070 - chemical treatment.

BIENNIAL REPORT UPDATE UTILITY

The Biennial Report Update Utility allows the regulator to add or update Biennial Report data for the most recent concluded cycle via a flat file load utility. The data provided may be for one or more facilities in a given State in which a submission needs to be added or updated. Click here for information regarding the formatting of the flat files and the business rules in which the data must conform. ***Note: A submission CANNOT be deleted using this utility. See the Biennial Report Update process above to delete a submission.***

PERMISSIONS

With great power comes great responsibility!

All users can view Biennial Report data in the same manner in which all other RCRAInfo data is viewed without obtaining special permissions. However, in order to update Biennial Report data using either the Biennial Report Update process or the Biennial Report Update utility, the user must obtain the Biennial Report Update permission of "Active". ***Note: Having the "Active" permission for the Biennial Report Load or Biennial Report Maintenance permission DOES NOT give a user the necessary permissions to update Biennial Report data.*** Contact your Administrator to obtain this permission.

VIEW BIENNIAL REPORT DATA

To view Biennial Report data associated with a specific handler, first find the handler using the Handler Search on the RCRAInfo Home Page. From the Handler Search Results page, click the handler of interest and select "Biennial Report". The Biennial Report Summary page will be displayed showing all of the Biennial Report submissions associated with this handler from the 2001 Biennial Report cycle and forward. For each cycle, the Generation, Managed, Shipped, and Received quantities reported (in tons) will be displayed. ***Note: The quantities displayed includes the quantities associated with waste streams that are marked for exclusion from the National Report as well as the quantities associated with waste streams that are marked for inclusion in the National Report.*** The National Report column indicates if the handler was included in the National Report. ***Note: This does NOT indicate if the handler reported waste streams that were not included in the National Report.***

VIEW SUBMISSION

Click the "eye" icon next to the cycle of interest to view the individual forms associated with the submission including the Site Identification, GM, WR, and/or OI forms. The Biennial Report Submission for this site/cycle will be displayed. This screen will show the first 20 GM, WR, and/or OI forms associated with this submission in addition to the Site ID form. You may search for a specific GM, WR, and/or OI Form by entering a value in the Search text box within the associated form section (GM, WR, and OI). The search is conducted as follows:

GM Forms

- Page Number must equal the search value provided; or
- Waste Description must contain the search value provided; or
- Off-site EPA ID (i.e., Receiver ID) must start with the search value provided.

WR Forms

- Page Number must equal the search value provided; or
- Waste Description must contain the search value provided; or
- Off-site EPA ID (i.e., Shipper ID) must start with the search value provided.

OI Forms

- Page Number must equal the search value provided; or
- Site ID must start with the search value provided; or
- Site Name must contain the search value provided.

For example, searching for the value of "1" within the WR Forms would return the record where the Page Number equals "1" as well as any Waste Descriptions that contained the value

"1" such as "B-9**1** SOLIDS FROM PROCESS OF MANUFACTURING RUBBER CHEMICALS", however, it would NOT return records where the Off-site EPA ID contained a "1" such as "ALD98**1**000542" because the Off-site EPA ID must START WITH the search value provided.

To view a specific form, click the "eye" icon next to the form of interest. All of the information associated with that form will be displayed in read-only format. Click the "Back to Biennial Report" button at the bottom of the page to return to the Biennial Report Submission screen.

PRINT SUBMISSION

You may print a site's submission for a given cycle for viewing and/or record-keeping purposes by clicking the "printer" icon next to the cycle of interest. A Portable Document Format (PDF) file will be generated that you will be able to download and view using Adobe Acrobat Reader.
Note: If the submission contains thousands of GM and/or WR forms, it may take up to 15 minutes to print the submission.

UPDATE BIENNIAL REPORT DATA

To update Biennial Report data associated with a specific handler, first find the handler using the Handler Search on the RCRAInfo Home Page. From the Handler Search Results page, click the handler of interest and select "Biennial Report". The Biennial Report Summary page will be displayed showing all of the Biennial Report submissions associated with this handler from the 2001 Biennial Report cycle and forward. For each cycle, the Generation, Managed, Shipped, and Received quantities reported (in tons) will be displayed. ***Note: The quantities displayed includes the quantities associated with waste streams that are marked for exclusion from the National Report as well as the quantities associated with waste streams that are marked for inclusion in the National Report.*** The National Report column indicates if the handler was included in the National Report. ***Note: This does NOT indicate if the handler reported waste streams that were not included in the National Report.***

UPDATE SUBMISSION

Click the "pencil" icon next to the cycle of interest to view and/or edit the individual forms associated with the submission including the Site Identification, GM, WR, and/or OI forms. The Biennial Report Submission for this site/cycle will be displayed. This screen will show the first 20 GM, WR, and/or OI forms associated with this submission in addition to the Site ID form. You may search for a specific GM, WR, and/or OI Form by entering a value in the Search text box within the associated form section (GM, WR, and OI). The search is conducted as follows:

GM Forms

- Page Number must equal the search value provided; or
- Waste Description must contain the search value provided.

WR Forms

- Page Number must equal the search value provided; or
- Waste Description must contain the search value provided; or
- Off-site EPA ID must start with the search value provided.

OI Forms

- Page Number must equal the search value provided; or
- Site ID must start with the search value provided; or
- Site Name must contain the search value provided.

For example, searching for the value of "1" within the WR Forms would return the record where the Page Number equals "1" as well as any Waste Descriptions that contained the value

"1" such as "B-9**1** SOLIDS FROM PROCESS OF MANUFACTURING RUBBER CHEMICALS", however, it would NOT return records where the Off-site EPA ID contained a "1" such as "ALD98**1**000542" because the Off-site EPA ID must START WITH the search value provided.

The regulator may make any additions, revisions, or deletions to the submission that they deem appropriate. It is recommended that the regulator contact the site to communicate any changes that the regulator makes to the submission. Click here for information on how to make additions, revisions, or deletions to the submission.

PRINT BIENNIAL REPORT DATA

To print Biennial Report data associated with a specific handler, first find the handler using the Handler Search on the RCRAInfo Home Page. From the Handler Search Results page, click the handler of interest and select "Biennial Report". The Biennial Report Summary page will be displayed showing all of the Biennial Report submissions associated with this handler from the 2001 Biennial Report cycle and forward. For each cycle, the Generation, Managed, Shipped, and Received quantities reported (in tons) will be displayed. ***Note: The quantities displayed includes the quantities associated with waste streams that are marked for exclusion from the National Report as well as the quantities associated with waste streams that are marked for inclusion in the National Report.*** The National Report column indicates if the handler was included in the National Report. ***Note: This does NOT indicate if the handler reported waste streams that were not included in the National Report.***

PRINT SUBMISSION

You may print a site's entire submission (i.e., all SI, GM, WR, and/or OI forms) for a given cycle for viewing and/or record-keeping purposes by clicking the "printer" icon next to the cycle of interest. A Portable Document Format (PDF) file will be generated that you will be able to download and view using Adobe Acrobat Reader. ***Note: If the submission contains thousands of GM and/or WR forms, it may take up to 15 minutes to print the submission.***

PRINT INDIVIDUAL FORMS

To print an individual GM, WR, and/or OI Form, or to print the Site ID Form, click the "eye" or "pencil" icon next to the cycle of interest. The Biennial Report Submission screen will be displayed. Next, click the "printer" icon next to the form of interest. To print all of the GM, WR, and/or OI Forms associated with this submission, click the "printer" icon in the right-hand corner of each section (i.e., GM Forms section, WR Forms section, and OI Forms section). You must print one section at a time. A Portable Document Format (PDF) file will be generated that you will be able to download and view using Adobe Acrobat Reader. ***Note: If the submission contains thousands of GM and/or WR forms, it may take up to 15 minutes to print that section of the submission.***

BIENNIAL REPORT UPDATE UTILITY

The Biennial Report Update Utility provides a mechanism for States and/or Regions to provide additions or updates to their a series of flat files. The submission may be for one or more handlers, but must contain **ALL** of the Biennial Report data for those handlers. The user must have the Biennial Report Update permission for the State (activity location) in order to use the utility. Click here for information regarding the formatting of the flat files and the business rules in which the data must conform.

To upload your Biennial Report additions and/or updates, click "Tools" from the main header bar, select "Biennial Report Utilities", then click the "BR Update" tab. The Activity Location drop-down list will show the States for which you have the Biennial Report Update permissions. Select the appropriate State from this drop-down list. ***Note: You can only update data from the most recent concluded Biennial Report cycle using this utility.*** Once you specify an Activity Location, the Upload Request grid will be displayed. Click the "Upload" button, then click the "Select File" button and specify the ZIP file that contains the flat files comprising your update submission. If the "Upload" button is not present, click the "x" icon in the Action column to delete your most recent load. ***Note: The file specified MUST be a ZIP file.*** Click the "Upload" button to begin the upload process. ***Note: The Biennial Report Update utility DELETES ALL existing Biennial Report data for the handlers provided in the flat files corresponding to the BR Cycle specified before loading the data contained in the file. Your file must ALWAYS contain ALL of the data for the handlers provided for the given BR Cycle.***

The Biennial Report Utility is an asynchronous process meaning that you can close the application while the submission continues to process in the background. The processing time will depend largely on the amount of data provided but generally will only take a few minutes. You will receive an email once the load has completed indicating whether the load was successful or if it failed. If you watch the processing you will see the utility perform the following steps:

- **Parsing and loading flat files** - This step is parsing the flat files and loading the data into staging tables
- **Validating and moving data** - This step ensures that the data meets the business rules. If it does, then the existing 2017 Biennial Report data (if any) for the handlers provided is deleted and the data provided with this update will be loaded into RCRAInfo.
- **Load completed successfully** - This message indicates that the load completed successfully. Once you receive this message, you should run various data quality reports to ensure that the data is complete and correct.

There are two types of errors that your load may encounter: 1) load errors and 2) validation errors. Load errors are errors that occur when the utility is parsing and loading the data into the staging tables. These errors are typically invalid dates or alpha characters in a numeric field. If these errors occur, you will see "Load Error(s)" in the Reason column. Click this link to see the specific errors encountered. You will need to correct these errors and reload your ZIP file by clicking the "x" icon in the Action column to delete your current load, then click the "Upload" button to reload your data.

Once the data has been loaded into the staging tables, the data will be validated against the business rules associated with the Biennial Report specified. If your data fails to meet one or more of the business rules, you will see "Validation Error(s)" in the Reason column. Click this link to see the specific business rules that were violated. Again, you must correct these errors and reload your ZIP file by clicking the "x" icon in the Action column to delete your current load, then click the "Upload" button to reload your data. ***Note: When correcting errors, you must resubmit ALL of the data that was in your original submission, not just the data that was in error.***

You may export the errors to an Excel file by clicking the link [either Load Error(s) or Validation Error(s)], then clicking "Export as CSV" at the bottom of the pop-up window. This feature is provided to assist you in identifying the records in error in your flat files and making the necessary corrections. You may need to increase the row height in Excel to see the error messages.

Your load is successful if you see "Completed" in the Status column and "Load completed successfully" in the Reason column. You will receive an email once your load has completed. Note, however, that this does not mean that your data is correct or complete. It is imperative that you run various data quality reports to determine the completeness and correctness of your submission. Click here for information on how to run reports.

Export Utility

BIENNIAL REPORT EXPORT

The Biennial Report Export Utility provides a mechanism for States and/or Regions to download Biennial Report data for a single State in a series of flat files. ***Note: At this time, only the data associated with the 2017 Biennial Report may be downloaded.***

To request an export, click "Tools" from the main header bar, select "Biennial Report Utilities", then click the "BR Export" tab. This utility can be used by any user, that is, no permissions are needed for this utility. To begin an export, click the "Request Export" button. From the pop-up window, select the Activity Location for the data that you want to export and click the "Request Export" button. The Biennial Report Export is an asynchronous process meaning that you can close the application while the export continues to process in the background. Depending on the size of the State (activity location) that you are requesting and the activity within the RCRAInfo application, your request may take up to 24 hours to process. You will receive an email indicating when the process has completed.

To retrieve the export file, click the link provided within the email, or from the "BR Export" tab, click the "download" icon in the Action column next to the Activity Location of interest. The download file is a .zip file containing fixed format files matching the 2017 Flat File Specifications. ***Note: A file is provided for each file defined in the Flat File Specification even if the file contains no data.*** Click the "X" icon to delete an export. This action permanently deletes the export file and will no longer be available for retrieval.

If you elect to export data for a State that you have previously exported, the new export WILL NOT overwrite your previous export. As long as you have not deleted an export, you will be able to retrieve the export file at any time by clicking the "download" icon next to the appropriate export. This allows the user to maintain a history of export activity and data.

USER MAINTENANCE INTRODUCTION

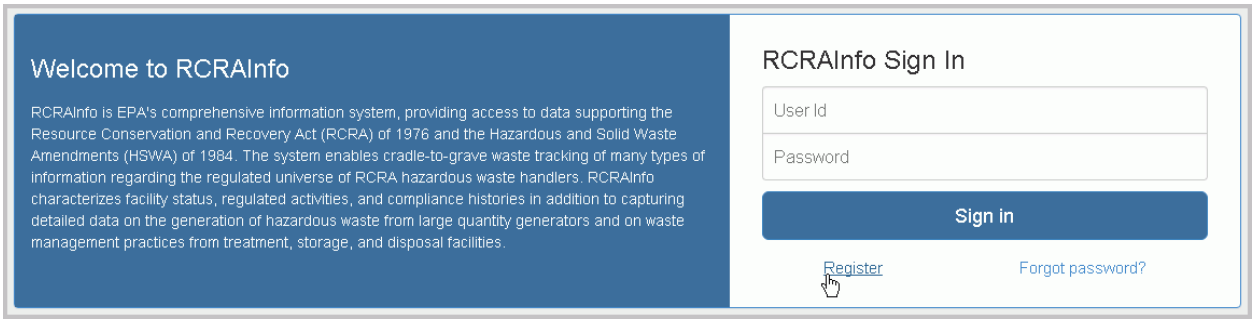
Users of the RCRAInfo application or RCRAInfo Industry application must register in order to gain access to the application. The process for obtaining a RCRAInfo account and obtaining a RCRAInfo Industry account are markedly different. Users doing work as a regulator (i.e., State and EPA Region users) should obtain a RCRAInfo account. Users submitting information to regulators (i.e., hazardous waste generators and treatment, storage, and disposal facilities) should obtain a RCRAInfo Industry account. Information regarding obtaining and maintaining either a RCRAInfo account or RCRAInfo Industry account is provided in this book.

RCRAInfo User

CREATE NEW USER

To register for an account in the production environment, enter the following URL into any browser: https://rcrainfo.epa.gov/rcrainfoprod. To register for an account in the pre-production environment (used for user testing), enter the following URL into any browser: https://rcrainfopreprod.epa.gov/rcrainfo.

STEP 1 - REQUEST AN ACCOUNT

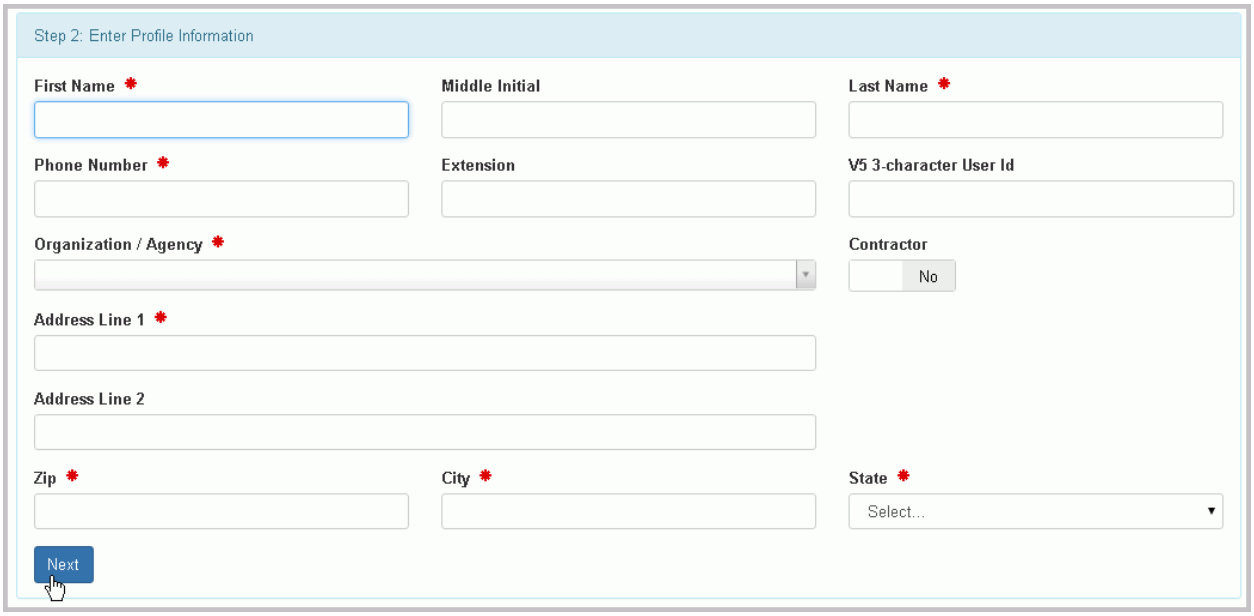


From the RCRAInfo Sign In screen, click the "Register" link.

STEP 2 - CREATE CREDENTIALS

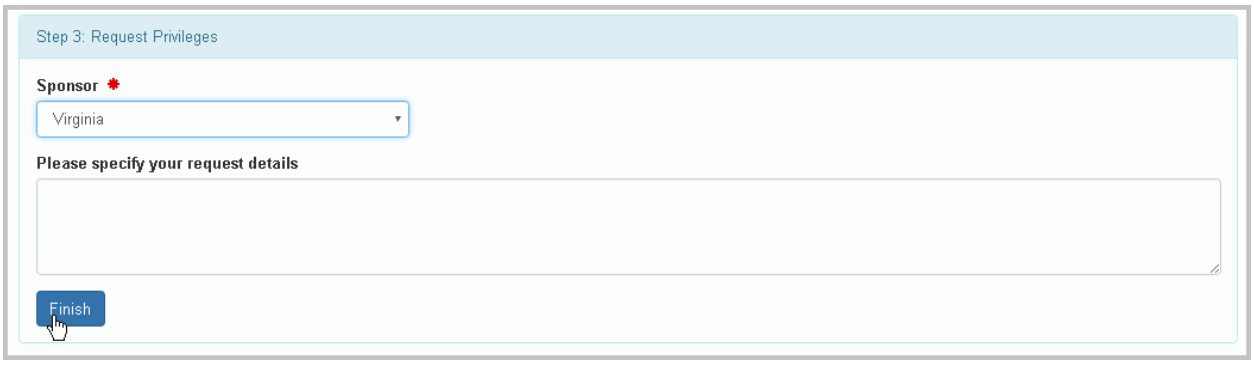
Enter a valid email that will serve as your User Id. ***Note: The email address that you provide should be an email address that has been issued by your employer. You should NOT use a personal email address.*** Enter a password to be associated with your account. Repeat the password in the "Verify Password" box. The text provided in the Password and Verify Password boxes must match before you can continue. Your password must meet the following rules: 1) cannot contain your user id or the word 'password'; 2) must contain only letters and numbers; 3) must contain at least one lower and one upper case letter; 4) must start with a letter; 5) must contain at least one number; and 6) must be between 8 and 15 characters long. Click "Next".

STEP 3 - ENTER PROFILE INFORMATION



Enter your profile information. You must provide information indicated by the red asterisk. Telephone Numbers may only contain numeric data and the first digit of the area code and prefix code cannot be 0 or 1. When entering the Organization, the drop-down list will be auto-populated once two characters have been entered. If your Organization exists, it will be presented in the list, otherwise you can enter it manually. If you are not a direct employee for the government (either Federal or State), please set the Contractor indicator to "Yes", by sliding the "No" indicator to the left or clicking the left portion of the box. The Contractor indicator has **no** effect on the types of permissions that can be associated with the account, but rather is for informational purposes only. The City and State may be auto-populated by entering the Zip. If the Zip is associated with more than one City, you may select the appropriate City from the list provided. If the appropriate City is not presented, you may enter it manually. You may provide your V5 3-character TSSMS id for informational purposes only. Once you have populated all required profile information, click "Next".

STEP 4 - REQUEST PERMISSIONS



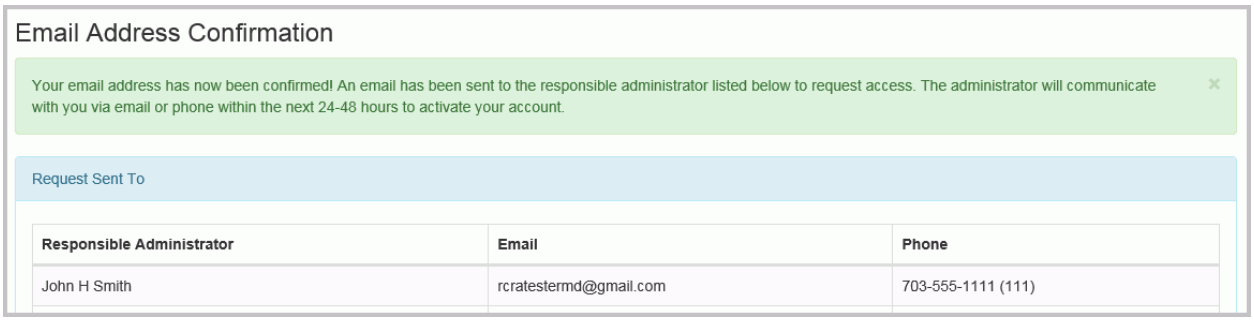
Select a Sponsor from the drop-down list provided. This sponsor should represent the State or EPA Office (Region or Headquarters) that you work in or for. Once you have selected a Sponsor, a text box will be presented, allowing you to indicate why you are requesting an account and what permissions you will need. Providing Request Details is optional. Click "Finish".

STEP 5 - CREATE ACCOUNT

Your account has now been created. However, there are additional steps that you must take before you can use your account.

STEP 6 - VALIDATE EMAIL

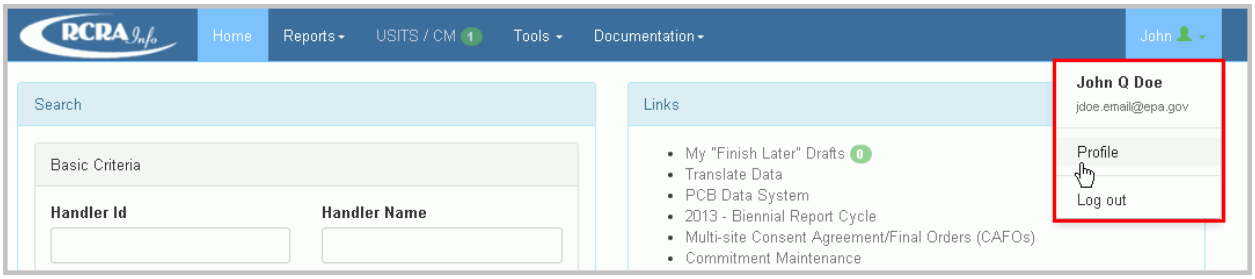
To ensure that the email provided is valid, an email will be sent to the address provided. Open the email and follow the instructions contained within to continue the account activation process. ***Note: You cannot be given access to RCRAInfo until your email address has been verified.*** Upon validation of the email, you will see the following confirmation screen. This screen lists the Administrator or Administrators that are responsible for your account. Please contact them if you have any questions or concerns regarding your account.



This completes the steps needed by the User to request a new account. An email will be sent to the Administrator(s) responsible for processing your account. Once an Administrator has approved your account, you will receive an email. At that time you will be able to login using the credentials that you provided.

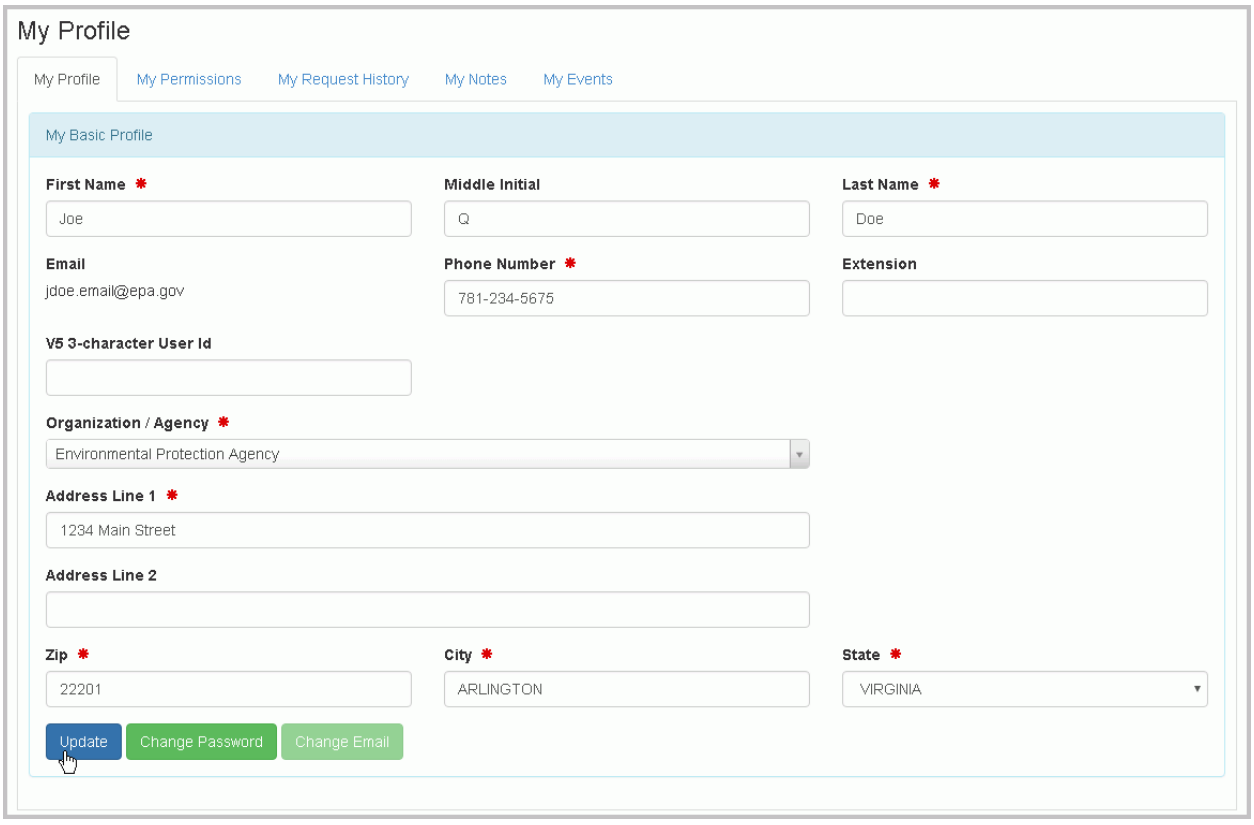
MY PROFILE

OPEN MY PROFILE



To open your profile, click the down arrow next to your name in the upper right-hand corner of the screen and select "Profile".

MY PROFILE

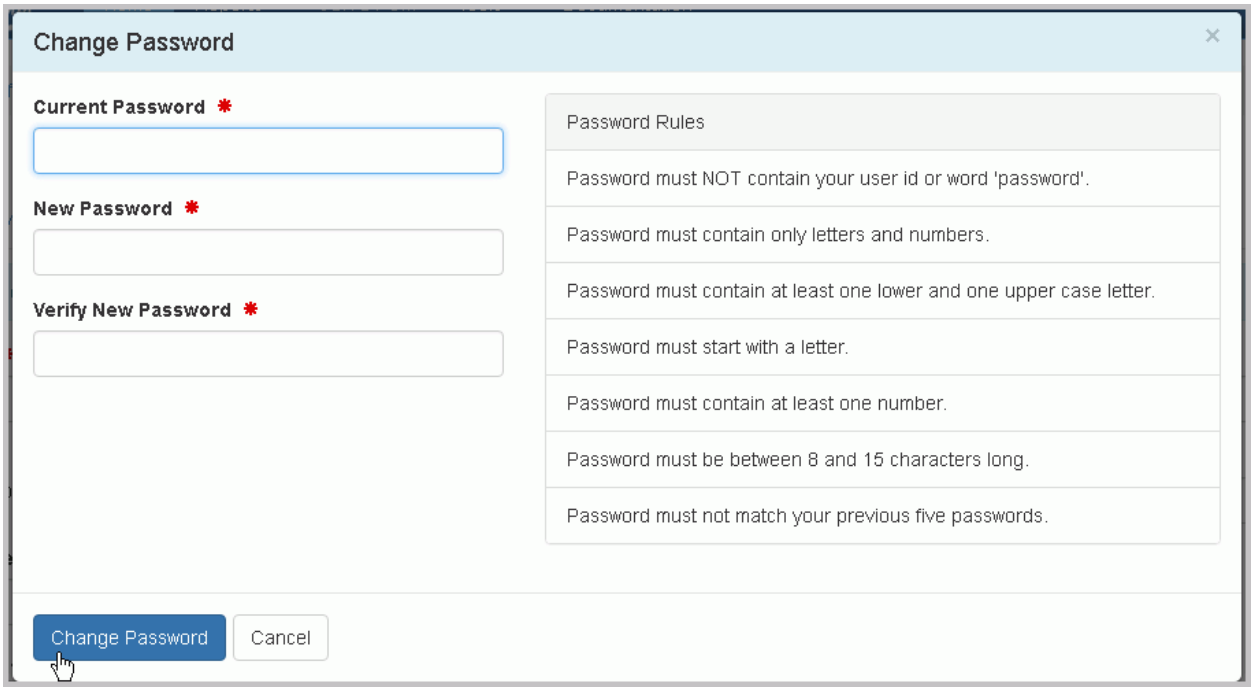


The profile information associated with your account will be displayed. From this screen you can update your profile information, change your password, change your email address, see your permissions, or see critical events associated with your account.

UPDATE PROFILE

You may change any or all of your profile information from this screen except your email address. You must provide information indicated by the red asterisk. Click "Update" to save your profile revisions.

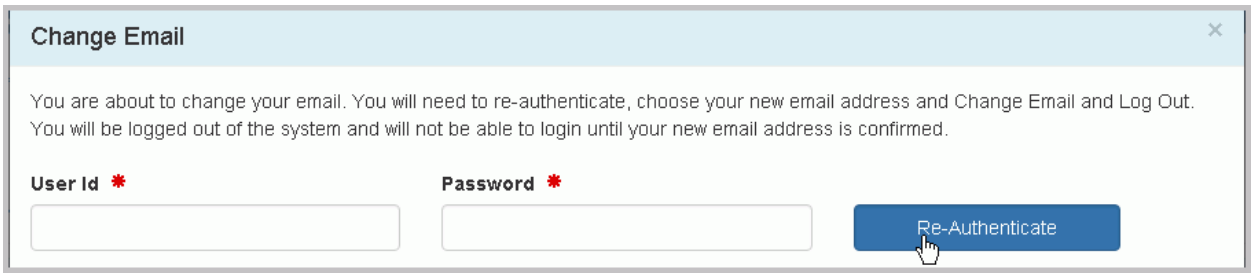
CHANGE PASSWORD



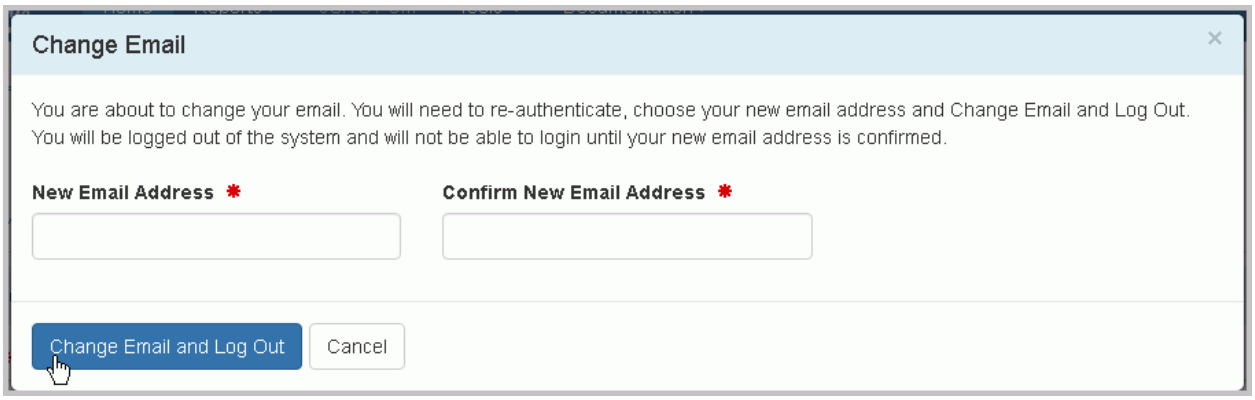
To change your password, click "Change Password" from the My Profile screen. A pop-up box will be displayed asking for your current password as well as your new password and a verification of your new password. Enter the required information and click "Change Password". Your new password must meet the following rules: 1) cannot contain your user id or the word 'password'; 2) must contain only letters and numbers; 3) must contain at least one lower and one upper case letter; 4) must start with a letter; 5) must contain at least one number; 6) must be between 8 and 15 characters long; and 7) cannot match your 5 previous passwords.

CHANGE EMAIL

In Version 6, your email address also serves as your User Id. Therefore, precautions are taken to ensure that email addresses can only be changed by the User and that the new email address provided is valid. To change your email, click "Change Email" from the My Profile screen.



Provide your current Password and click "Re-Authenticate".

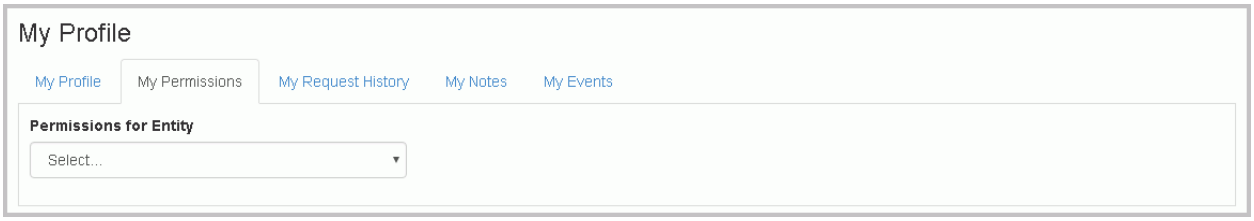


Enter your new Email Address in both the New Email Address and Confirm New Email Address text boxes and click "Change Email and Log Out". ***Note: The email address that you provide should be an email address that has been issued by your employer. You should not use a personal email address.*** To ensure that the email provided is valid and was intended to be changed, an email will be sent to both the current email address and the new email address you provided. If you receive an email indicating that an email change has been requested and you did not initiate the process, contact your Administrator immediately.

If you did initiate an email change, open the email from the new email address and follow the instructions contained within the email to validate. Upon validation of the email, you will be able to login to RCRAInfo with your new credentials (i.e., new email address).

MY PERMISSIONS

To see the permissions associated with your account, click the "My Permissions" tab on the My Profile screen.



The Permissions for Entity drop-down list will contain a list of States and/or Regions for which you have permissions other than "Read". Select the State or Region for which you want to see your associated permissions.

Permissions for: **Maryland**

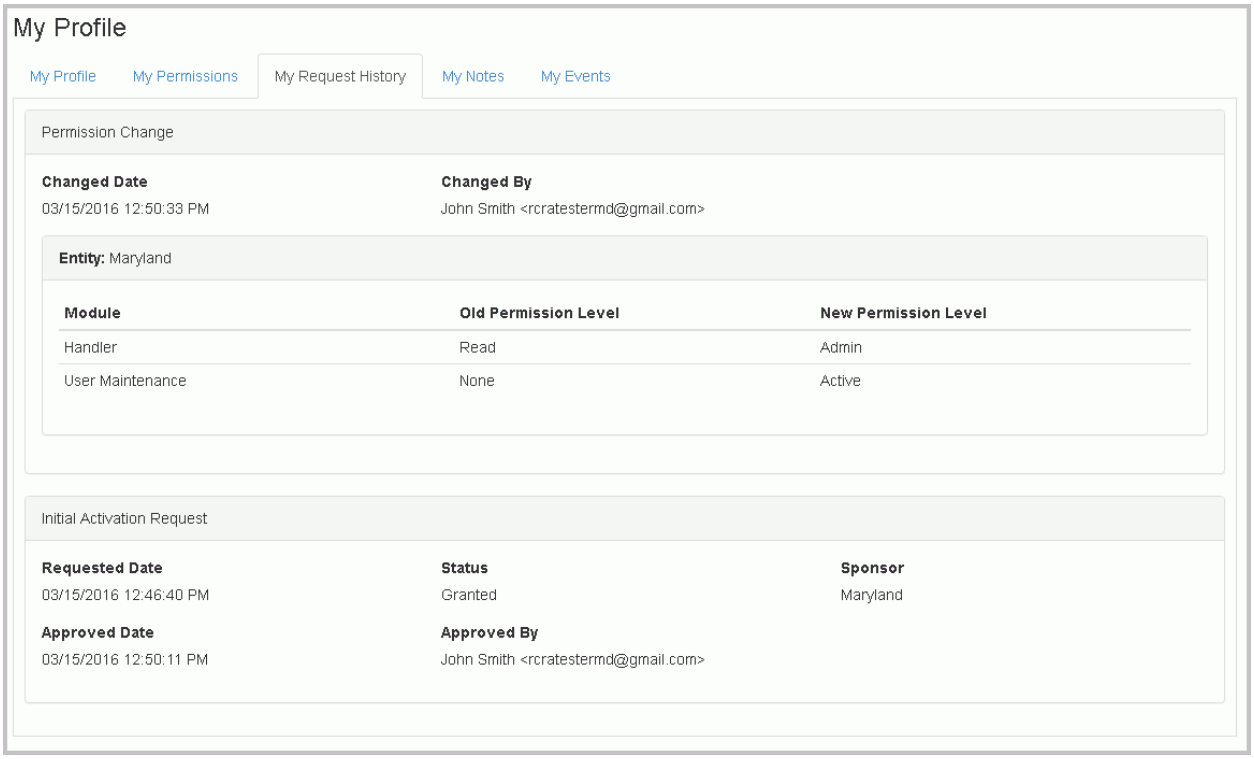
Module	Permission Level	Module	Permission Level
H - Handler	Add/Update	Report Management	None
Lookup Management	None	User Maintenance	None

The module(s) for which you have either "Add/Update", "Delete", or "Admin" permissions will be displayed. Since every user has "Read" access to all modules for every entity, modules for which you have "Read" permission are not displayed here. For users that only have "Read" permissions, a message will be displayed indicating their read-only status. Some permissions, such as User Maintenance and Report Management, are yes/no permissions. That is, you either have the permission or you don't. These permissions will show "Active" if you have that permission or "None" if you do not.

Contact your Administrator to obtain additional permissions for your account.

MY REQUEST HISTORY

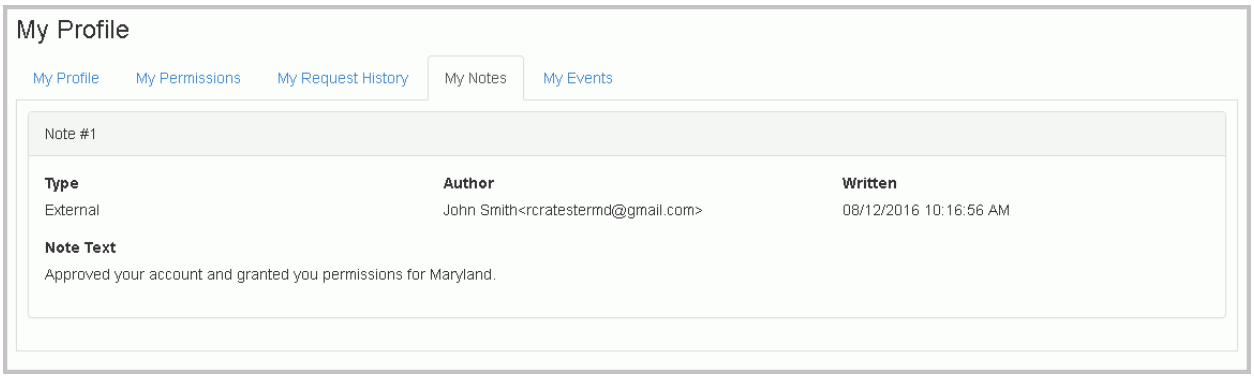
To see the request history associated with your account, click the "My Request History" tab on the My Profile screen.



This tab shows the history of your account including initial activation request and permission changes. The differing requests show various information but generally include the date of the request, the date the request was granted or denied, and the Administrator that granted or denied the request.

MY NOTES

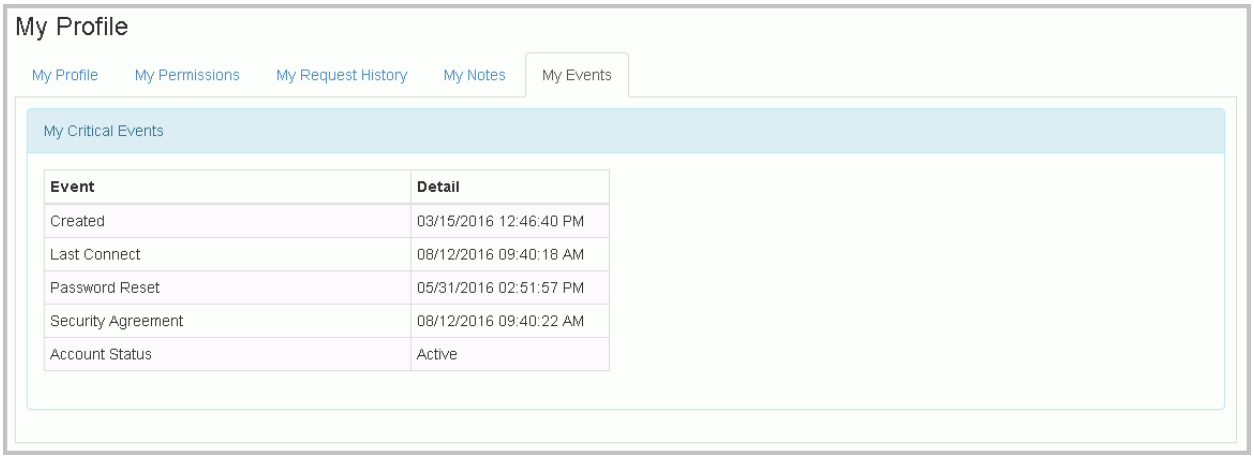
An Administrator has the ability to enter notes associated with your account. If the Administrator chooses to share these notes with the User, they will be displayed under the My Notes tab of your profile.



The notes will be displayed showing when the note was written, the Administrator that wrote it, and the note itself.

MY EVENTS

To see critical events associated with your account, click the "My Events" tab on the My Profile screen.



This screen shows the date and time of when your account was created, when you last logged into the system, when your password was last reset, the last time you agreed to the security agreement, and your current account status.

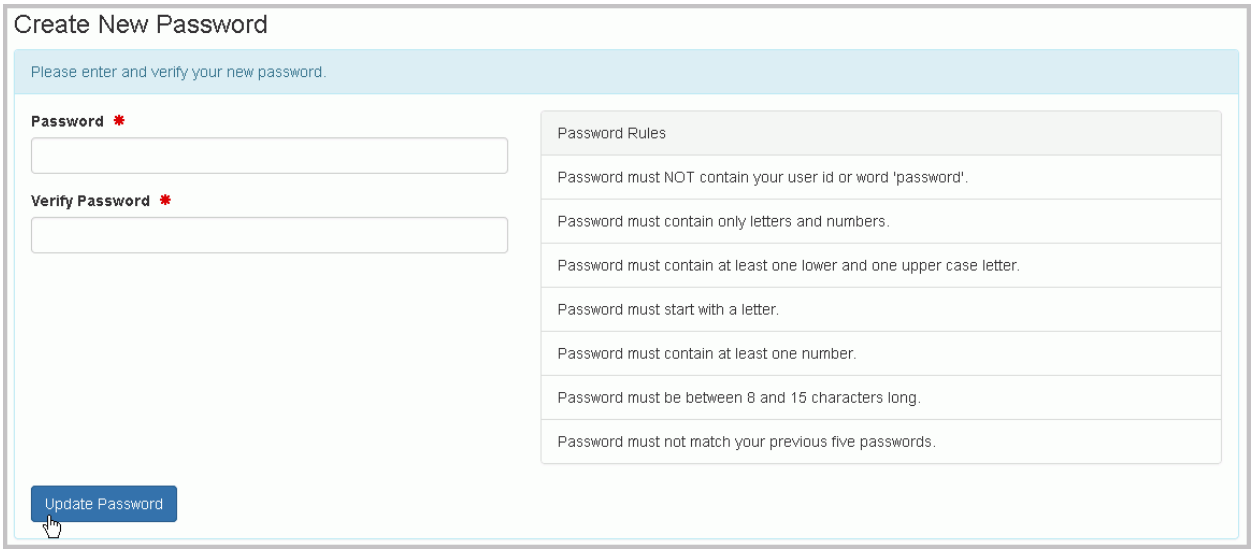
FORGOT PASSWORD

If you have forgotten your password or your account is locked because you entered an invalid password more than 3 times, click the "Forgot Password" link on the Login page to reset your password.

Enter your User Id and click "Request Password Reset".

An email will be sent to you containing a link for you to reset your password. Open the email and click the link.

You will be prompted to enter a new password and to verify the new password. Your new password must meet the password rules as stated. Click the "Update Password" button to create your new password.



You must now return to the Login page and enter your user id and new password.

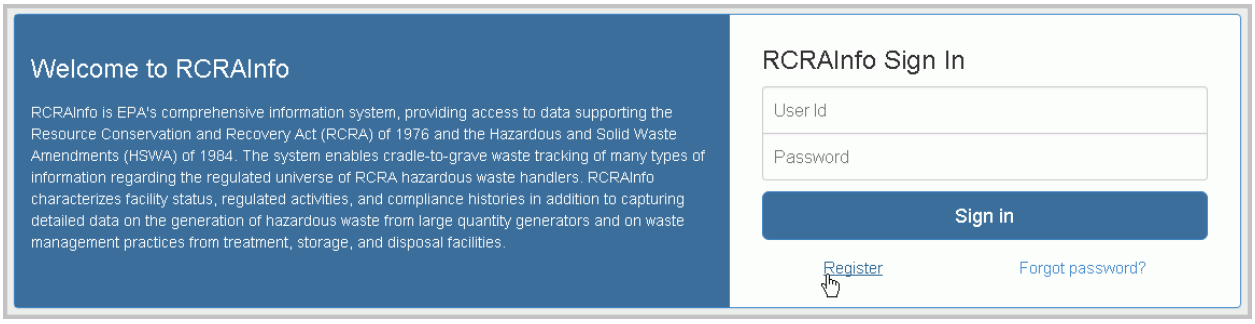
RCRAInfo Industry User

CREATE NEW USER

To register for an account in the production environment, enter the following URL into any browser: https://rcrainfo.epa.gov/rcrainfoprod. To register for an account in the pre-production environment (used for user testing), enter the following URL into any browser: https://rcrainfopreprod.epa.gov/rcrainfo.

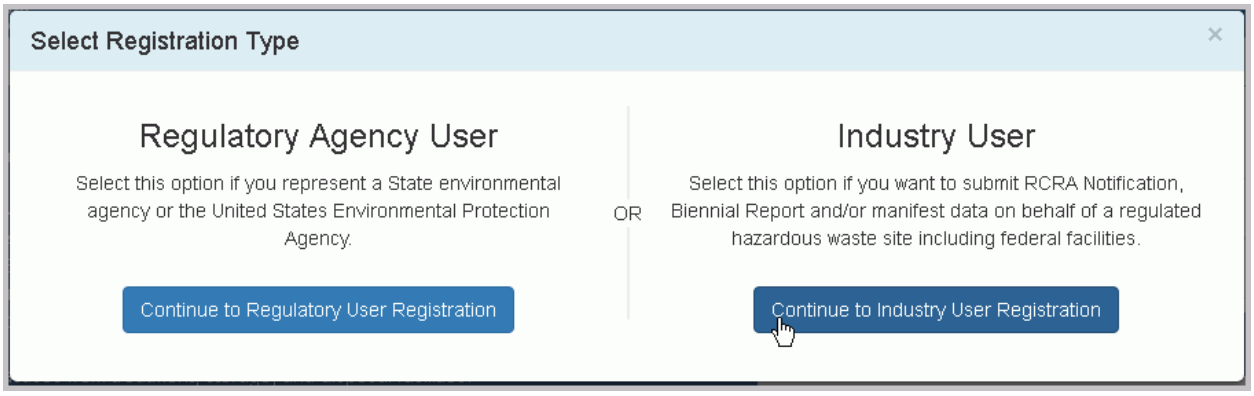
Note: This registration process is built upon the account registration process used for EPA's Central Data Exchange (CDX). RCRAInfo Industry Application (RIA) accounts may be used within CDX and conversely CDX accounts may be used within RIA. To use an existing CDX account to login into the RCRAInfo Industry Application, simply enter your CDX credentials in the RCRAInfo Sign In screen.

STEP 1 - REQUEST AN ACCOUNT



From the RCRAInfo Sign In screen, click the "Register" link.

STEP 2 - SELECT REGISTRATION TYPE

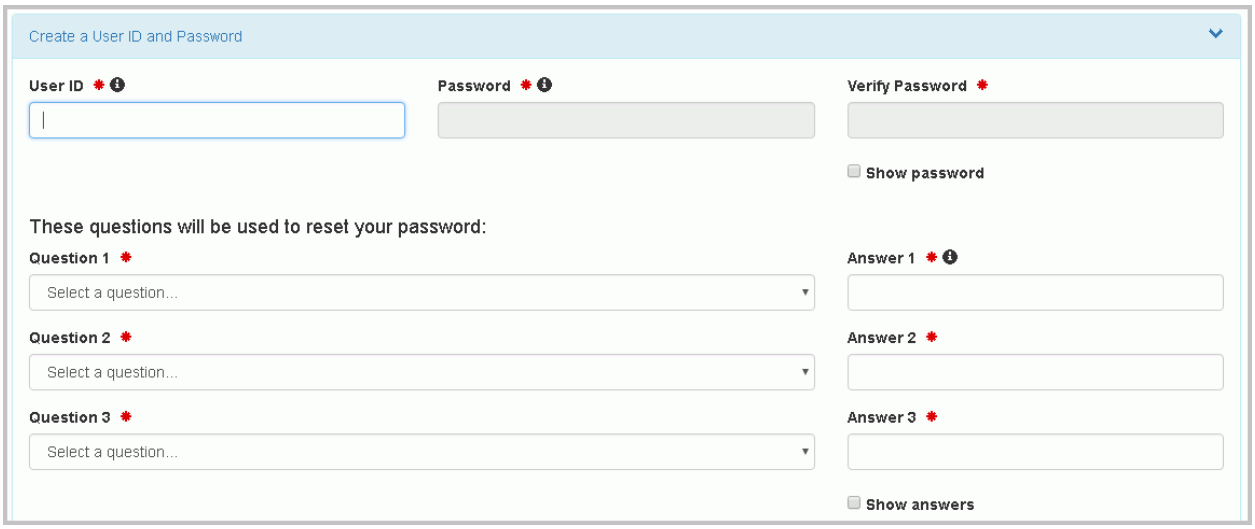


You will be asked to select your registration type, Regulatory Agency User or Industry User. To gain access to the RCRAInfo Industry Application, you MUST select Industry User.

STEP 3 - ENTER USER INFORMATION

Enter your user information including your Title, First and Last Name.

STEP 4 - ENTER USER ID / PASSWORD



Next you will pick a user id and password to be associated with your account. You must verify your password by re-entering it in the Password Verification field.

The user id must adhere to the following rules:

- Must be between 8 and 160 characters
- Cannot contain spaces
- Cannot contain special characters except period (.), hyphen (-), underscore (_), or at (@).
- Cannot be all numbers
- Must be unique

Passwords must meet the following rules:

- Must be between 8 and 15 characters
- Must start with a letter
- Must contain at least one lower and upper case letter
- Must contain at least one number

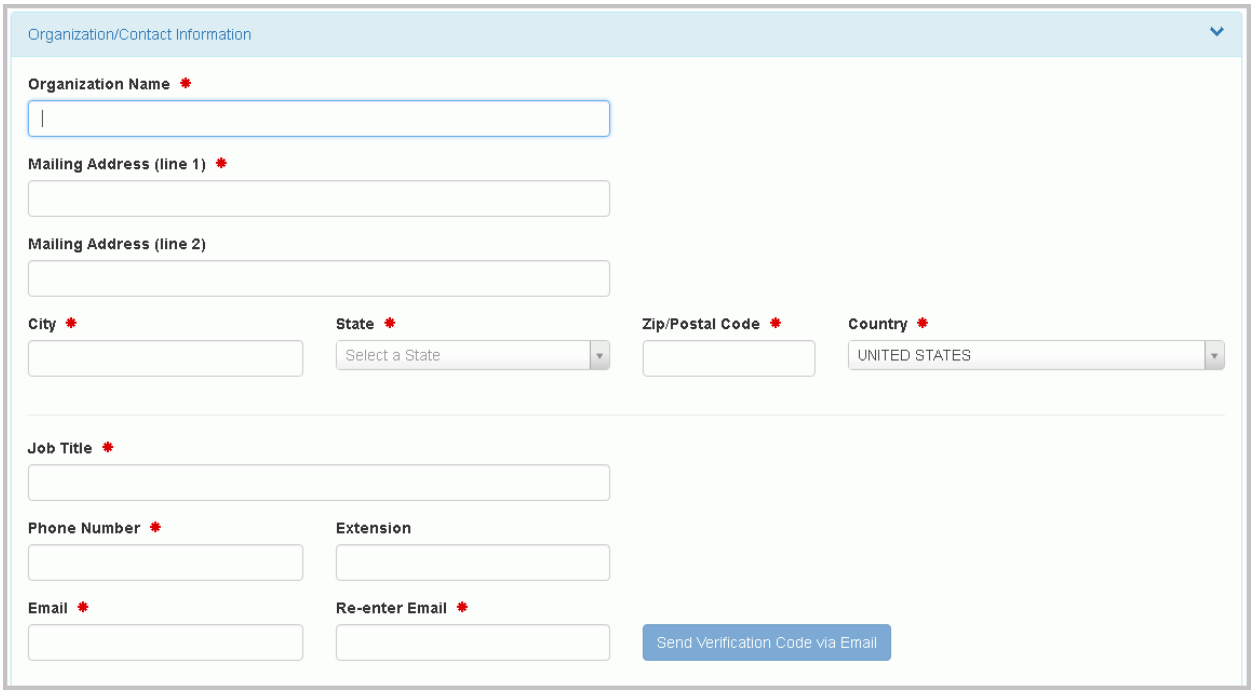
- Cannot contain your user id or the word "password"
- Cannot match previous 5 passwords

Additionally, you must select three (3) questions and provide answers to these questions. These questions will be used in the event that you need to have your password reset. Note that the answers you provide are case-sensitive.

STEP 5 - TERMS AND CONDITIONS

To see the Terms and Conditions associated with this account, click the Terms and Conditions link. Carefully read the Terms and Conditions associated with creating and using this account. Click the checkbox next to "Agree to Terms and Conditions" to accept the terms and conditions stipulated. ***Note: If you do not agree with the Terms and Conditions, you will not be able to create an account.*** Click "Next" to continue.

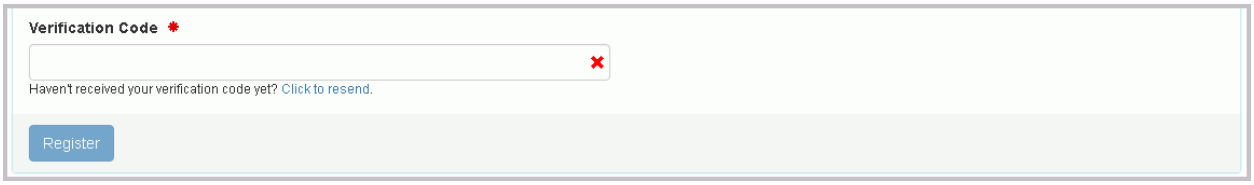
STEP 6 - ORGANIZATION / CONTACT



Finally, you will be asked to provide the organization or company for which you work for and some additional contact information including Job Title, Phone Number, and Email Address.

Once you have provided all of the required information, indicated by the red asterisks, click "Send Verification Code".

STEP 7 - ENTER VERIFICATION CODE



An email will be sent to the email address provided in Step 5 above. This email will contain a verification code that you will enter to complete your account creation. Note: If you provided an invalid email address or an email address that you do not have access to, you will not be able to complete your account creation. Enter the Verification Code and click "Register" to complete the account creation process.

User Maintenance Administrator

USER MAINTENANCE ADMINISTRATOR INTRODUCTION

User Maintenance Administrators play an integral role in the creation and maintenance of users. There are two distinctive permissions associated with user maintenance: 1) User Maintenance and 2) Industry User Maintenance. The User Maintenance permission pertains to the administration of RCRA users - EPA and State Regulators that are accessing and/or processing information as the regulatory authority for the implementation and oversight of RCRA Subtitle C. The Industry User Maintenance permission pertains to the administration of Industry users - Individuals representing hazardous waste sites that are providing information to EPA and/or their State Regulatory authority. The user maintenance features and functionality may differ between a RCRA user and an Industry user.

Topics associated with the maintenance of a RCRA user that you will find in this book include:

- **Activating a New Account -** How to activate a new User's account
- **Grant Permissions -** How to grant permissions to a User
- **Request Permissions -** How to request permissions on behalf of a User
- **Activate / Deactivate a User** - How to activate or deactivate a User's account
- **Send Password Reset** - How to force a User to change their password
- **Update User Profile** - How to update a User's profile
- **Request History** - How to see the history of requests granted and/or denied for this User

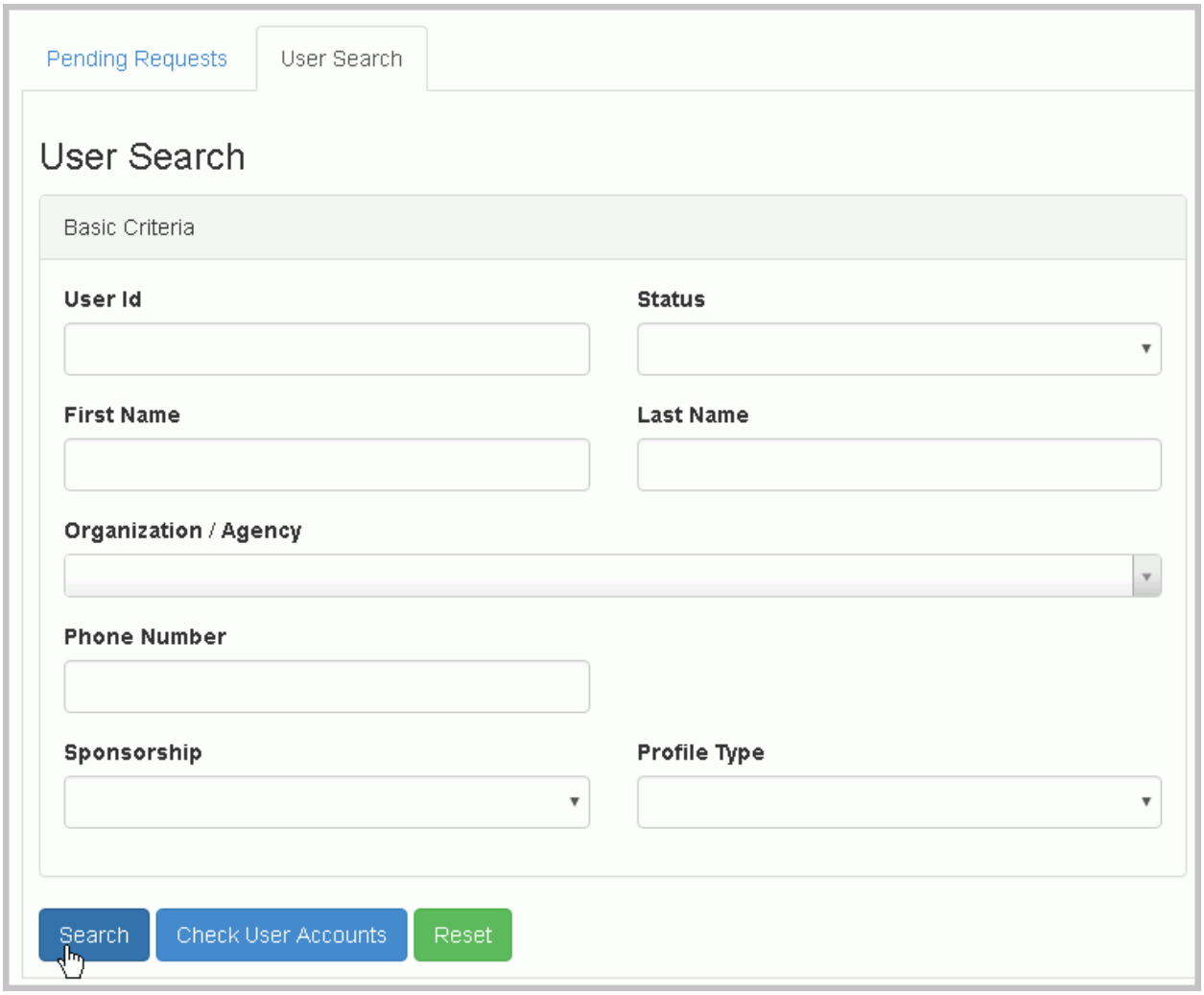
Topics associated with the maintenance of an Industry user that you will find in this book include:

- **Authorization Request** - How to grant site access and requested permissions to a User
- **Site Permissions** - How to view or revise current site permissions for a User
- **Assign e-Signature Agreement Status** - How to change a User's ESA status for paper processing
- **Request History** - How to see the history of requests granted and/or denied for this User
- **View User Profile** - How to view a User's profile

USER SEARCH

An Administrator can also search for specific Users using the User Search feature. The Administrator can access this feature by selecting the User Search tab from the Pending User Request screen.

SEARCH



Administrators can search for Users by User Id, Account Status, First Name, Last Name, Organization, Phone Number, Sponsorship, Profile Type or any combination of these criteria. The User Id, First Name, Last Name, and Phone Number searches will look for the string provided **anywhere** within the specified field. For example, specifying a search of 'IAN' in the first name could find values of 'IAN', 'Brian', 'BRIANNA', 'diane', and 'DiAnA'. ***Note: The search is not case-sensitive.*** The Status, Organization, Sponsorship, and Profile Type searches require

that you select a search value from the drop-down lists provided. Future versions will also allow the Administrator to search by Module and Permission Level.

If the Administrator provides search criteria for more than one item, the search will return all Users that match **all** of the criteria provided. For example, if the Administrator provides criteria for both the Status and the Organization, the search will return all Users that match BOTH the Status and Organization selected. Users who match only the Status or the Organization will NOT be returned in the results.

If the Administrator selects a "Region" value for the Sponsorship, the search results will return all Users that match that Sponsorship as well as Users whose State belongs to that Region. For example, if the Administrator selects Region 7 as the Sponsorship, the results will return all Users whose Sponsorship is Region 7, as well as all Users with a Sponsorship of Kansas, Iowa, Missouri, or Nebraska. The results can then be sorted to see the Users belonging to each Sponsor.

To erase the search criteria, click the “Reset” button. Once all of the search criteria has been provided, click either the “Search” button or the “Check User Accounts” button. ***Note: The "Check User Accounts" button is available to User Maintenance Administrators only.***

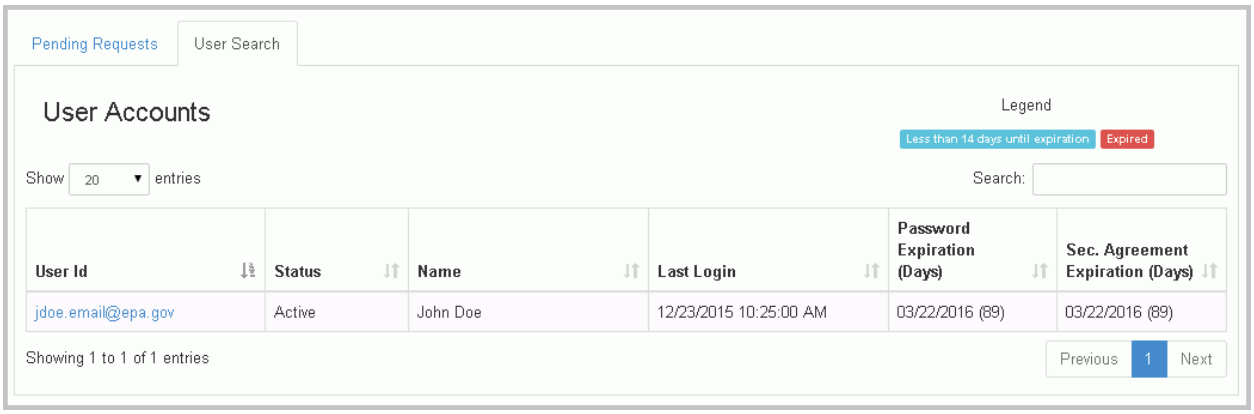
USER SEARCH RESULTS

When you click the “Search” button, the results will show the User Id, Name (first and last), Organization, the date/timestamp that the User last logged into the system (Last Login), Profile Type (indicating if the User is a RCRAInfo User or a RCRAInfo Industry User), and Sponsor. The first 10 results are displayed and are initially sorted in ascending order by User Id, but may also be sorted by Name, Organization, and Last Login in either ascending or descending order by clicking the up or down arrow next to the appropriate column. You can change the number of results displayed by selecting a value from the “Show entries” drop-down list. You may page through the results by using the “Previous” and “Next” buttons as appropriate.

You may further refine your search by specifying a search string in the Search box. This search is limited to the Users **already** in the results set. This search is conducted across all columns. For example, if you put ‘RON’ in the Search box, it will return all Users in the results set that

have the string 'RON' anywhere within the Email, Name, or Organization (i.e., an email of 'ronald.reagan@epa.gov', a last name of 'bronson', and/or an organization of 'maryland department of environment'). Again, this subsequent search is not case-sensitive.

USER ACCOUNTS



When you click the "Check User Accounts" button, the results will show the User Id, Status, Name (first and last), the date/timestamp that the User last logged into the system (Last Login), the number of days until their password expires (Password Expiration), and the number of days until their security agreement expires (Sec. Agreement Expiration). ***Note: This button is available to User Maintenance Administrators only.*** The results are color-coded to highlight users whose security agreement and/or password has expired or is about to expire. The first 20 results are displayed and are initially sorted in ascending order by User Id, but may also be sorted by Status, Name, Last Login, Password Expiration, and Security Agreement in either ascending or descending order by clicking the up or down arrow next to the appropriate column. You can change the number of results displayed by selecting a value from the "Show entries" drop-down list. You may page through the results by using the "Previous" and "Next" buttons as appropriate.

You may further refine your search by specifying a search string in the Search box. This functions in the same manner as for the User Search Results above.

RCRAInfo User

ACTIVATING NEW ACCOUNT

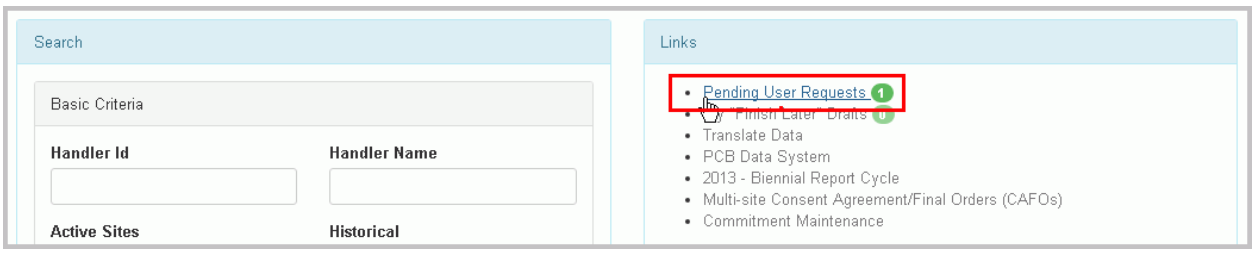
User Maintenance Administrators approve or deny a User's request for a RCRAInfo account. This permission applies only to Users who are seeking an account under the sponsor for which your User Maintenance permissions apply. For example, a Maryland User Maintenance Administrator may only approve or deny requests made by Users who are requesting Maryland sponsorship.

When a User requests a new account, the User Maintenance Administrators for that sponsor will receive an email indicating that the User has requested a new account. There are multiple ways in which the User Maintenance Administrator may get to the appropriate screen to respond to this request: 1) Email; 2) Pending User Requests link; and 3) Tools / User Maintenance selection. Each of these methods is described in further detail below.

EMAIL

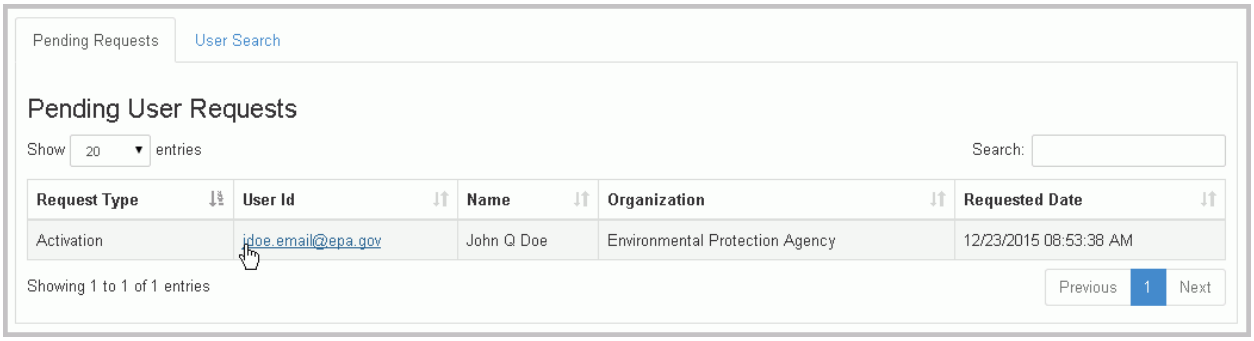
When a User requests a new account for which you are a User Maintenance Administrator, you will receive an email indicating that a request for a new account has been made. This email will contain a link that will direct you to the requested User's Request History tab of their User Profile. If you are not currently logged into RCRAInfo when you click the link in the email, you will be required to provide your user id and password before being directed to the Request History tab.

PENDING USER REQUESTS



The “Pending User Requests” link on the RCRAInfo Home page indicates if you have outstanding User requests for a module/component for which you are an Administrator. If you do not have any outstanding requests, the badge (green) next to the link will show “0”. However, if the badge next to the link is greater than or equal to 1, this indicates that you have one or more outstanding requests.

Click the “Pending User Requests” link to see the outstanding requests under your purview.

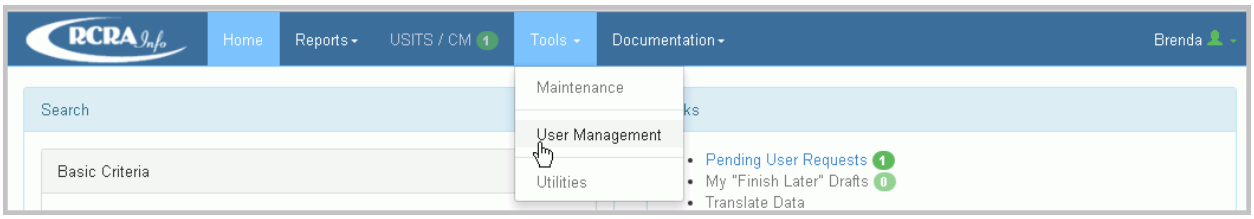


You may further refine the pending requests displayed by specifying a search string in the Search box. This search is limited to the requests **already** in the results set. This search is conducted across all columns. For example, if you put ‘RON’ in the Search box, it will return all Users in the results set that have the string ‘RON’ anywhere within the Request Type, User Id, Name, or Organization (i.e., an email of ‘ronald.reagan@epa.gov’, a last name of ‘bronson’, and/or an organization of ‘maryland department of environment’). This search is not case-sensitive.

The Request Type, User Id, Name (First and Last), Organization, and Date Requested will be displayed for the first 10 requests. You may change the number of requests displayed by selecting a value from the “Show entries” drop-down list. The requests may be sorted by Request Type, Email, Name, Organization and/or Date Requested by clicking the up or down arrow next to the column. You may page through the entries by using the “Previous” and “Next” buttons as appropriate.

A Request Type of "Activation" indicates that the User has requested a RCRAInfo account and is waiting for a User Maintenance Administrator to approve or deny the request. Click the User Id of the User of interest to process their request. You will be taken to the User Profile - Request History tab.

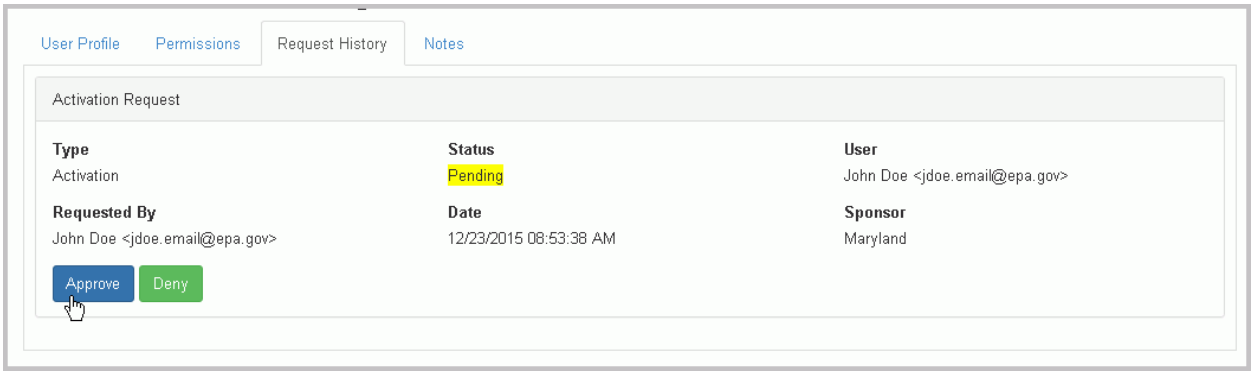
TOOLS / USER MAINTENANCE



You can also see outstanding User requests by clicking the “Tools” button at the top of the page and selecting “User Maintenance”. The “Pending Users Request” page will be displayed (see above for additional details).

APPROVING THE ACCOUNT

Regardless of the method by which you respond to the User's request (email, pending user requests link, or tools/user maintenance), you will be taken to the Request History tab of the User Profile.



Clicking the “Approve” button will activate the account with **read-only** permissions (see “Granting Permissions” to assign permissions, other than “Read” to the User). ***Note: Please verify that the User Id is associated with the Sponsor specified (i.e., if the User Id is john.doe@maryland.gov, then the Sponsor should be Maryland. Please see below for information on how to change a Sponsor.*** An email will be sent to the User indicating that their account has been approved. Clicking the “Deny” button will deny the User's request to obtain a RCRAInfo account. A pop-up window will be displayed allowing you to indicate why this request is being denied. You may also move the slider box to "Yes" to permanently delete the user from RCRAInfo. If you elect not to delete the user, the user profile information will remain in the system. Regardless of whether the user is deleted, denying the User's request to obtain a RCRAInfo account will prevent the user from being able to log into RCRAInfo. Click the "Deny Activation Request" button to complete the denial process. An email will be sent to the User indicating that their account has been denied. This email will include the notes that you provided.

If the Sponsor indicated is incorrect, click the "change" link next to the Sponsor. A pop-up window will be displayed asking you to select the appropriate Sponsor for this user. If you are not a User Maintenance Administrator associated with the new Sponsor, you will not be able to approve the user. An email will be sent to the appropriate Administrator(s) alerting them that a user is requesting an account and they will be able to approve or reject the user as appropriate.

GRANTING PERMISSIONS

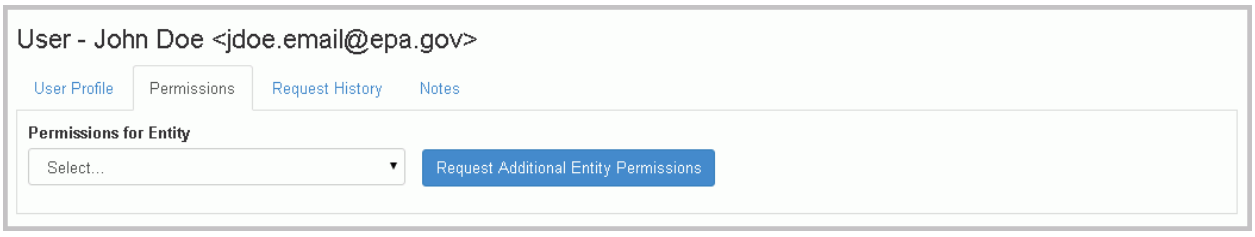
An Administrator may be a User Maintenance Administrator only, a Data Administrator only, or both a User Maintenance and Data Administrator. Regardless of the type of Administrator, an Administrator may **only** grant permissions for modules/components for which they are an administrator. For example, a User Maintenance Administrator has the ability to grant User Maintenance permissions and permissions associated with the RCRAInfo Industry Application. However, a User Maintenance Administrator may or may not have the ability to grant permissions for other modules/components. Conversely, a Data Administrator may grant permissions for modules/components for which they are an Administrator, but may or may not have the ability to grant permissions for User Maintenance. Additionally, Administrators may only grant permissions for the entities for which they have been given administrator privileges.

Examples

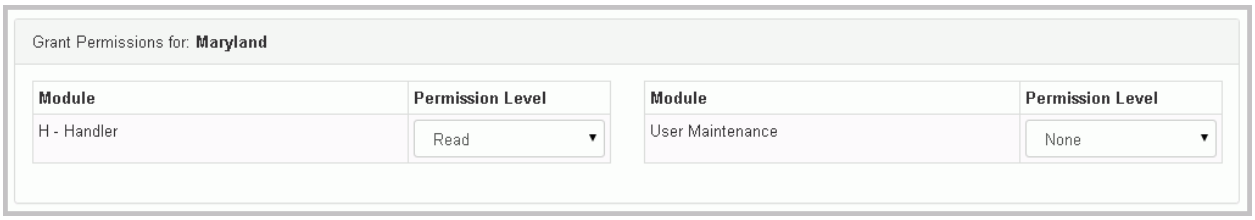
- A User Maintenance Administrator for Maryland can grant user maintenance administrator permissions for Maryland to **any** other RCRAInfo User (including users whose sponsor is NOT Maryland).
- A Maryland Handler Data Administrator can grant Add/Update, Delete, or Administrator permissions for Maryland's handler data to **any** other RCRAInfo User (including users whose sponsor is NOT Maryland).
- A User who is both a User Maintenance Administrator for Maryland and a Maryland Handler Data Administrator can grant appropriate permissions for both user maintenance and handler.
- A User Maintenance Administrator for Maryland CANNOT grant user maintenance permissions for an entity other than Maryland.
- A Maryland Handler Data Administrator CANNOT grant handler permissions for an entity other than Maryland.

GRANT PERMISSIONS

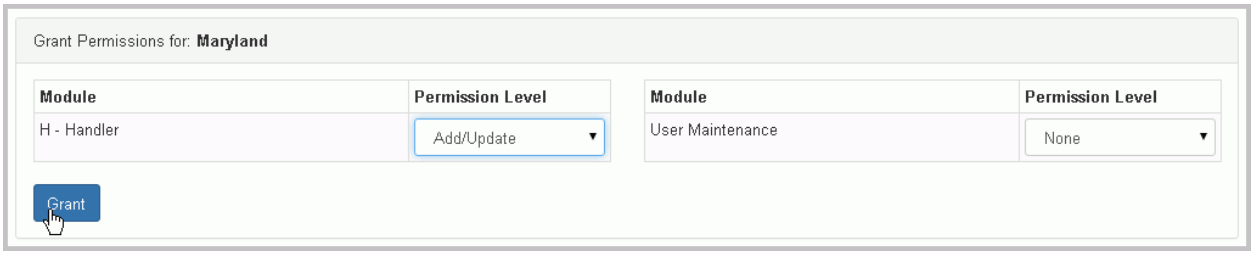
To grant permissions, go to the User Profile – Permissions tab. The Administrator must first select an entity from the "Permissions for Entity" drop-down list. This drop-down list will contain all of the entities (States and/or Regions) for which the User currently has at least one permission above Read-only. If the entity that you want to grant permissions for is not displayed, the Administrator may select the entity by clicking the "Request Additional Entity Permissions" button, then selecting the appropriate entity from the drop-down list.



Note: In Version 5, permissions were assigned for each module. That permission applied to all data within that module for which your agency was the Implementer of Record (IOR). For example, if your agency was IOR for S, B, and T Evaluations in the CM&E module, and you had Add permissions for the CM&E module, you could add S, B, and/or T evaluations within RCRAInfo. In Version 6, the functionality of permissions and IOR have been merged. You may now be granted Add/Update permissions for the S evaluation, but only Read permissions for the B and T evaluations. The permissions for each combination of Module (handler, permitting, CM&E, etc.), Category (events, units, evaluations, violations, etc.), and Value (S, E, J, etc.) are assigned independently. Additionally, your permissions are no longer tied to the agency for which you are associated. You may be granted permissions for data associated with any entity (Region and/or State). This level of assignment allows for maximum flexibility and additional capabilities that were not present in Version 5.



The screen will display all of the module/category/value combinations for which you have the administrator permission. Initially, all permissions will be assigned as “Read” or "None". You may individually set the permission for each module/category/value combination by selecting a permission from the appropriate drop-down list.

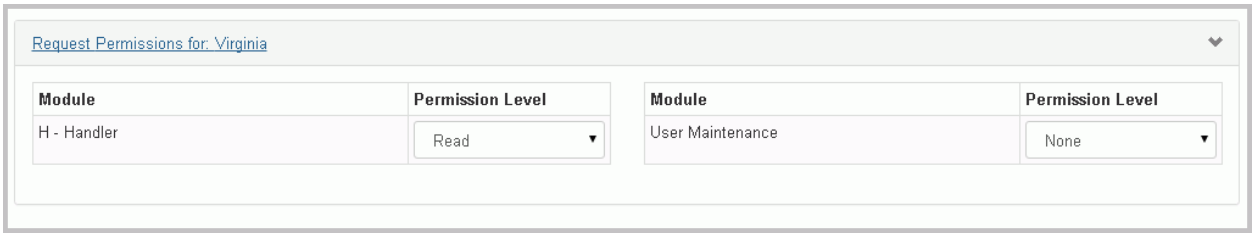


Once you have set the permission for at least one module/category/value combination, the “Grant” button will be displayed. After you have set every module/category/value combination to the appropriate permission, click “Grant”.

A confirmation of the permissions that you are granting will be displayed. If these permissions are correct, click “Confirm”. An email will be sent to the User indicating that permissions have been granted for their account. If the permissions presented are incorrect, or if you choose not to grant these permissions, click “Cancel” to abort the grant process.

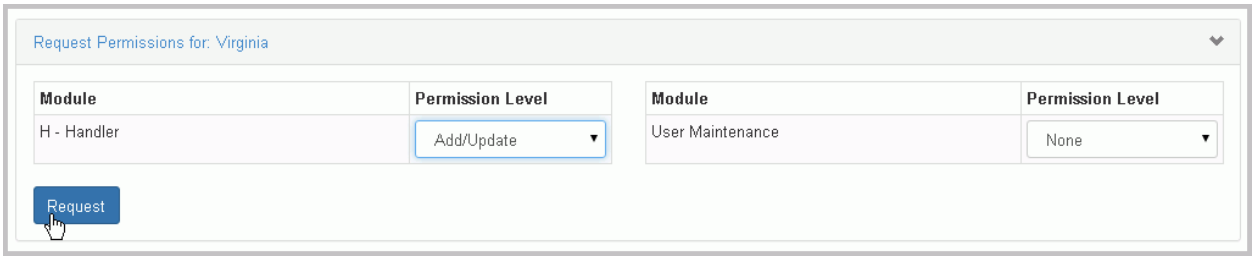
REQUEST PERMISSIONS

A User may require permissions for modules/categories/values for which you do not have administrator permissions. For example, a User associated with Region 3 may have a need to have Add/Update permissions for Virginia's Handler data. An Administrator who cannot grant these permissions may request these permissions on behalf of the user.

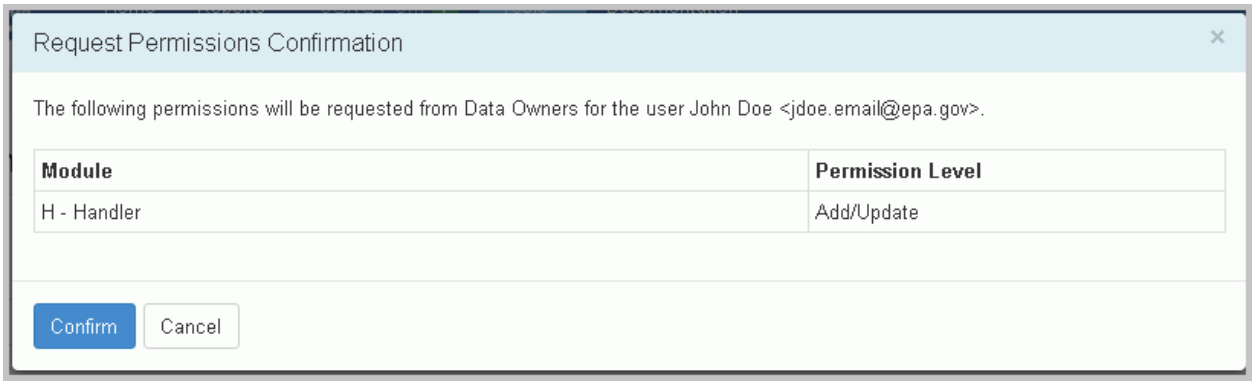


To request permissions for which you are not an Administrator, go to the User Profile – Permissions tab. The Administrator must first select an entity from the “Permissions for Entity” drop-down list. This drop-down list will contain all of the entities (States and/or Regions) for which the User currently has at least one permission above Read-only. If the entity that you want to request permissions for is not displayed, the Administrator may select the entity by clicking the “Request Additional Entity Permissions” button, then selecting the appropriate entity from the drop-down list.

Click the “Request Permissions For” link at the bottom of the screen. The screen will display all of the module/category/value combinations for which you do not have the administrator permission. Initially, all permissions will be assigned as “Read” or "None". You may individually request the permission for each module/category/value combination by selecting a permission from the appropriate drop-down list.



Once you have requested the permission for at least one module/category/value combination, the "Request" button will be displayed. After you have set every module/category/value combination to the appropriate permission, click "Request".

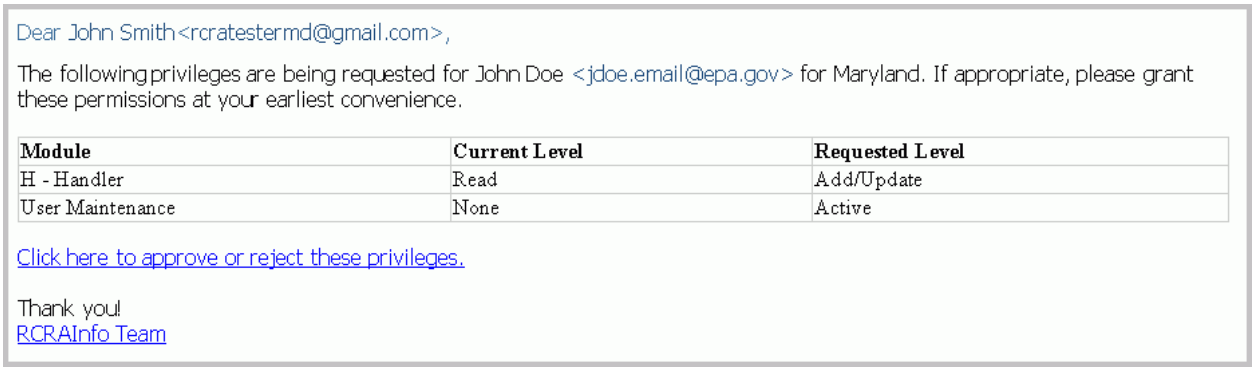


A confirmation of the permissions that you are requesting will be displayed. If these permissions are correct, click "Confirm". An email will be sent to all Administrators associated with this entity for the module/category/value combinations selected. Additionally, an email will be sent to the User indicating that additional permissions have been requested on their behalf. If the permissions presented are incorrect, or if you choose not to request these permissions, click "Cancel" to abort the request process.

GRANTING REQUESTED PERMISSIONS

Administrators may request permissions for which they are not an administrator, for themselves or for other users. When a request is made, an email is sent to the Administrator(s) of the requested permission(s). There are multiple ways in which the Administrator may get to the appropriate screen to respond to this request: 1) Email; 2) Pending User Requests link; and 3) Tools / User Maintenance selection. Each of these methods is described in further detail below.

EMAIL



Dear John Smith<rcratestermd@gmail.com>,

The following privileges are being requested for John Doe <jdoe.email@epa.gov> for Maryland. If appropriate, please grant these permissions at your earliest convenience.

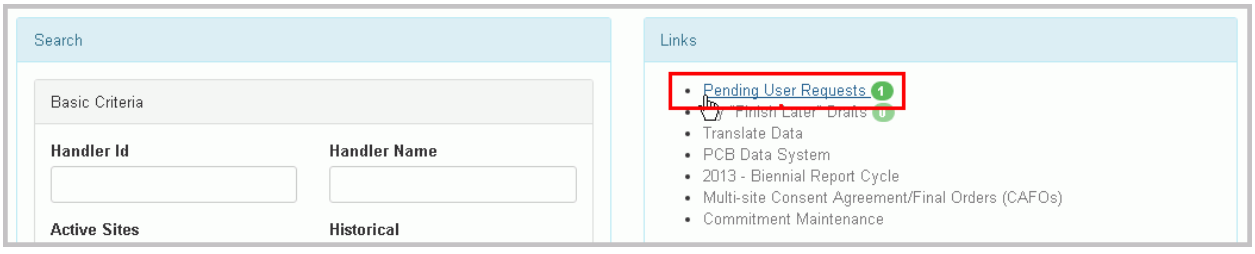
Module	Current Level	Requested Level
H - Handler	Read	Add/Update
User Maintenance	None	Active

Click here to approve or reject these privileges.

Thank you!
RCRAInfo Team

When an Administrator requests new permissions for a User, all Administrators that are an administrator for at least one module requested will receive an email indicating that a request for new permissions has been made. ***Note: The email will only show the requested modules for which you are an Administrator.*** This email will contain a link that will direct you to the requested User's Request History tab of their User Profile. If you are not currently logged into RCRAInfo when you click the link in the email, you will be required to provide your user id and password before being directed to the Request History tab.

PENDING USER REQUESTS



The "Pending User Requests" link on the RCRAInfo Home page indicates if you have outstanding User requests for a module/component for which you are an Administrator. If you do not have any outstanding requests, the badge (green) next to the link will show "0". However, if the

badge next to the link is greater than or equal to 1, this indicates that you have one or more outstanding requests.

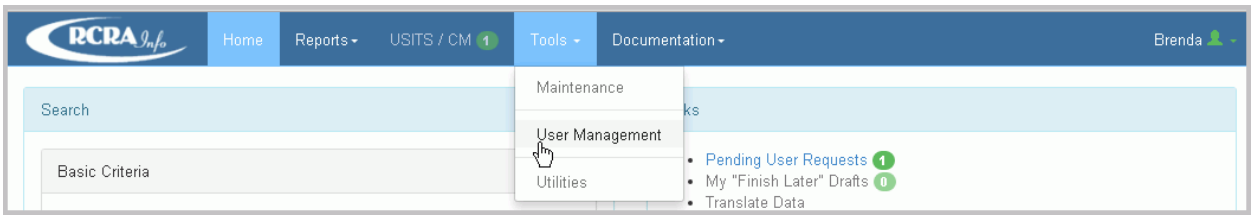
Click the “Pending User Requests” link to see the outstanding requests under your purview.

You may further refine the pending requests displayed by specifying a search string in the Search box. This search is limited to the requests **already** in the results set. This search is conducted across all columns. For example, if you put ‘RON’ in the Search box, it will return all Users in the results set that have the string ‘RON’ anywhere within the Request Type, User Id, Name, or Organization (i.e., an email of ‘ronald.reagan@epa.gov’, a last name of ‘bronson’, and/or an organization of ‘maryland department of environment’). This search is not case-sensitive.

The Request Type, User Id, Name (First and Last), Organization, and Date Requested will be displayed for the first 10 requests. You may change the number of requests displayed by selecting a value from the “Show entries” drop-down list. The requests may be sorted by Request Type, Email, Name, Organization and/or Date Requested by clicking the up or down arrow next to the column. You may page through the entries by using the “Previous” and “Next” buttons as appropriate.

A Request Type of "Activation" indicates that the User has requested a RCRAInfo account and is waiting for a User Maintenance Administrator to approve or deny the request. A Request Type of "Authorization" indicates that the permissions have been requested on behalf of the User and is waiting for the appropriate Administrator to approve or deny the request. Click the User Id of the User of interest to process their request. You will be taken to the User Profile - Request History tab.

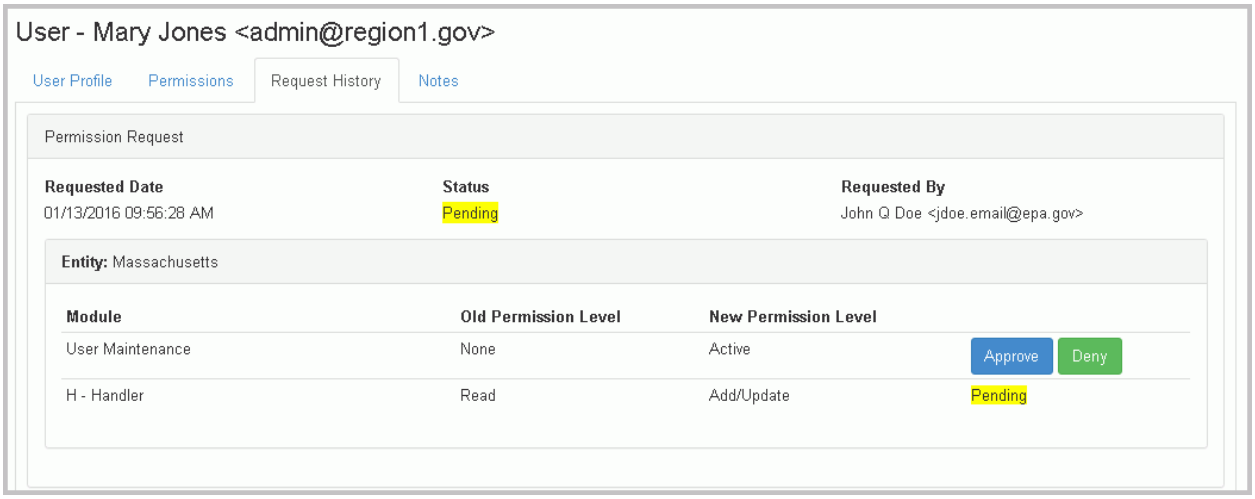
TOOLS / USER MAINTENANCE



You can also see outstanding User requests by clicking the “Tools” button at the top of the page and selecting “User Maintenance”. The “Pending Users Request” page will be displayed (see above for additional details).

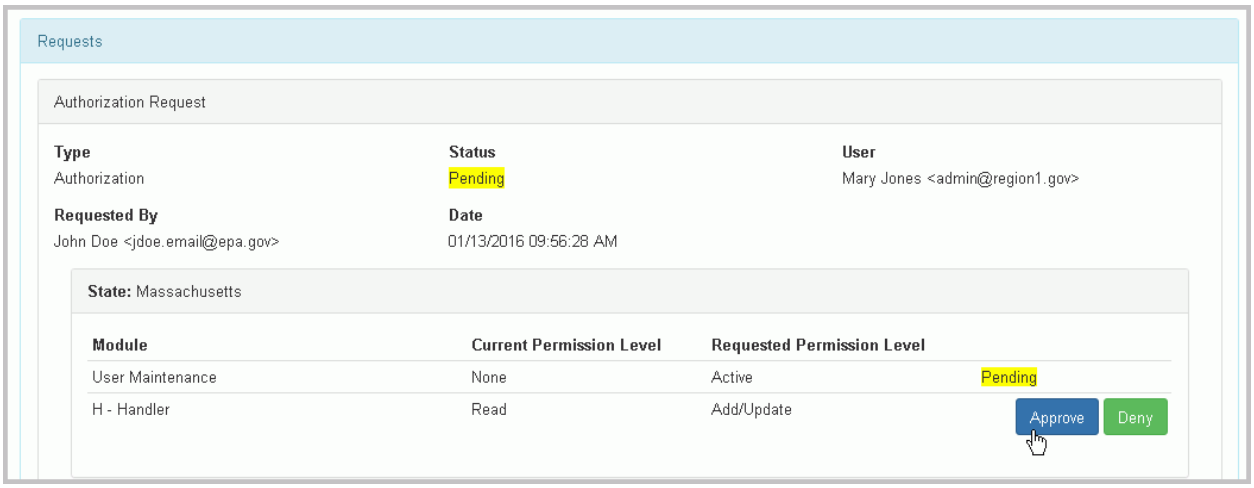
GRANTING REQUESTED PERMISSIONS

Regardless of the method by which you respond to the User's request (email, pending user requests link, or tools/user maintenance), you will be taken to the Request History tab of the User Profile.

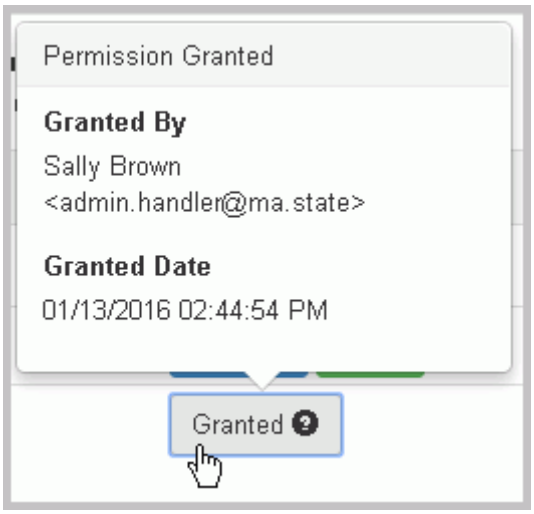


All of the permissions requested will be displayed, however, the "Approve" and "Deny" buttons will only be displayed next to permissions for which you are an Administrator. From this screen you can see the date in which the request was made, the status of the request, who made the request, the entity for which permissions are being sought, and the module / permission level that is being requested.

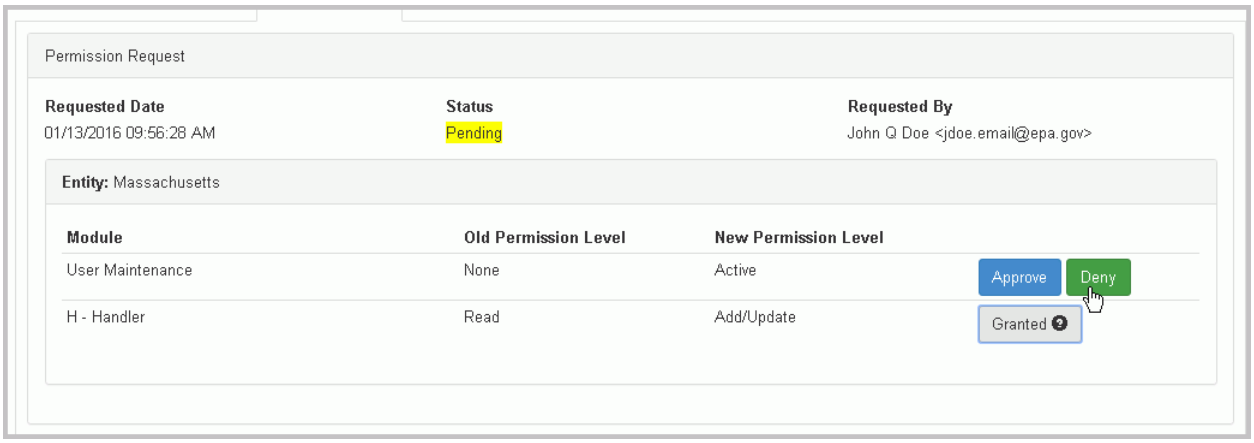
APPROVE REQUESTED PERMISSIONS



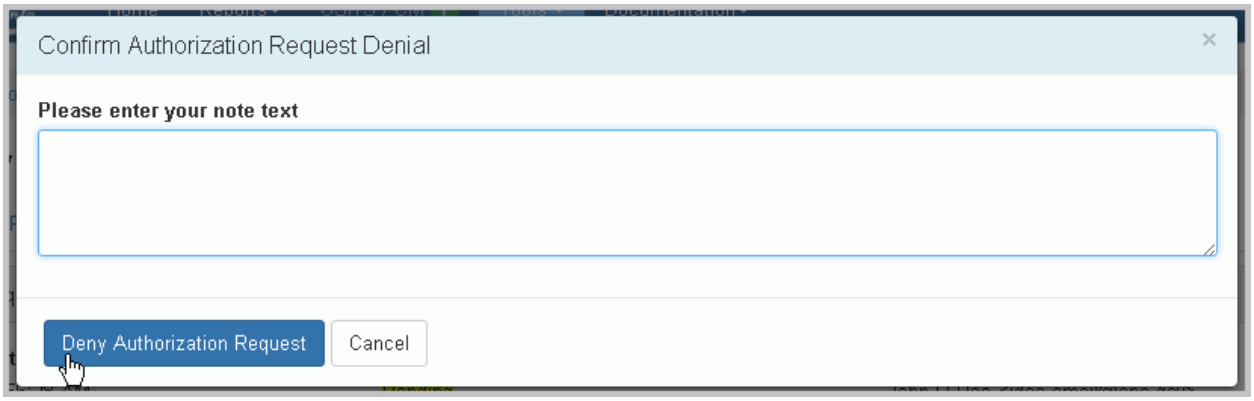
To approve the requested permission, click the "Approve" button next to the appropriate permission. ***Note: The permission may only be approved for the level requested.*** An email will be sent to the user informing them that the permission has been approved. The "Approve" and "Deny" buttons will be replaced with a "Granted" button. By clicking this button, you can see the details associated with this approval included who granted the permission and on what date.



DENY REQUESTED PERMISSIONS



To deny the requested permission, click the "Deny" button next to the appropriate permission.



A pop-up window will display prompting you to provide a reason why this request is being denied. ***Note: The notes WILL be included in the email sent to the user indicating why the request was denied.*** Click the "Deny Authorization Request" button to deny the request. The "Approve" and "Deny" buttons will be replaced with a "Denied" button. By clicking this button, you will see the details associated with this denied request including who denied the request, the date the request was denied, and the comments provided.

Permission Denied
Denied By
Robert Smith
<admin.user@ma.state>
Denied Date
01/13/2016 03:05:39 PM
Denial Comment
At this time, Massachusetts does not have a need to have a Region 1 employee approve Massachusetts users.
Denied

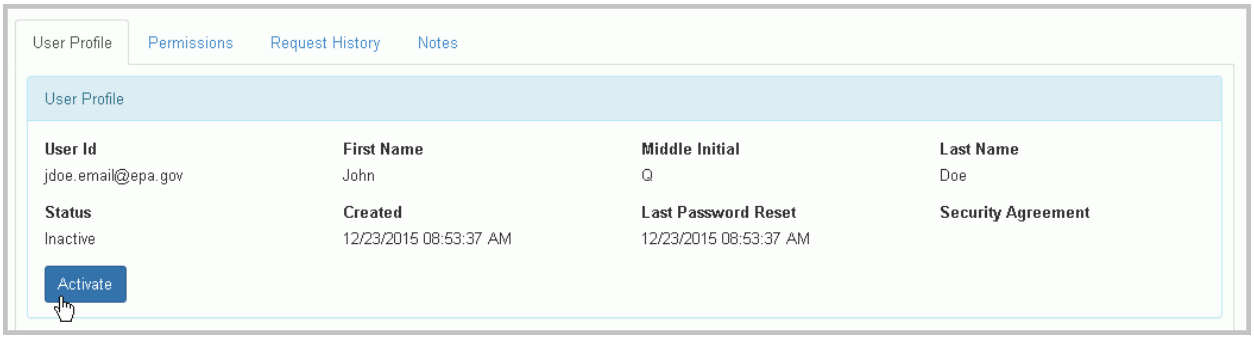
USER PROFILE

User Maintenance Administrators may revise a User's profile information. The User's profile information can be found on the User Profile tab of the User Profile screen. An Administrator cannot change a User's Id or name, only the User themselves can change that information.

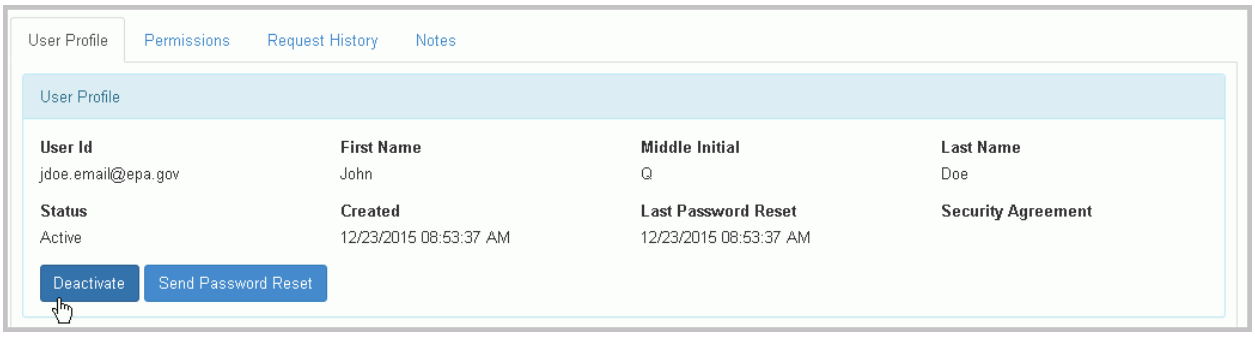
The following describes additional functions the User Maintenance Administrator may perform from the User Profile tab.

ACTIVATE / DEACTIVATE AN ACCOUNT

A User Maintenance Administrator has the ability to Activate or Deactivate **ANY** user.



If the User's account is inactive (i.e., it is a new account or the account has been deactivated for any reason), the User Maintenance Administrator can make the account active by clicking the "Activate" button.

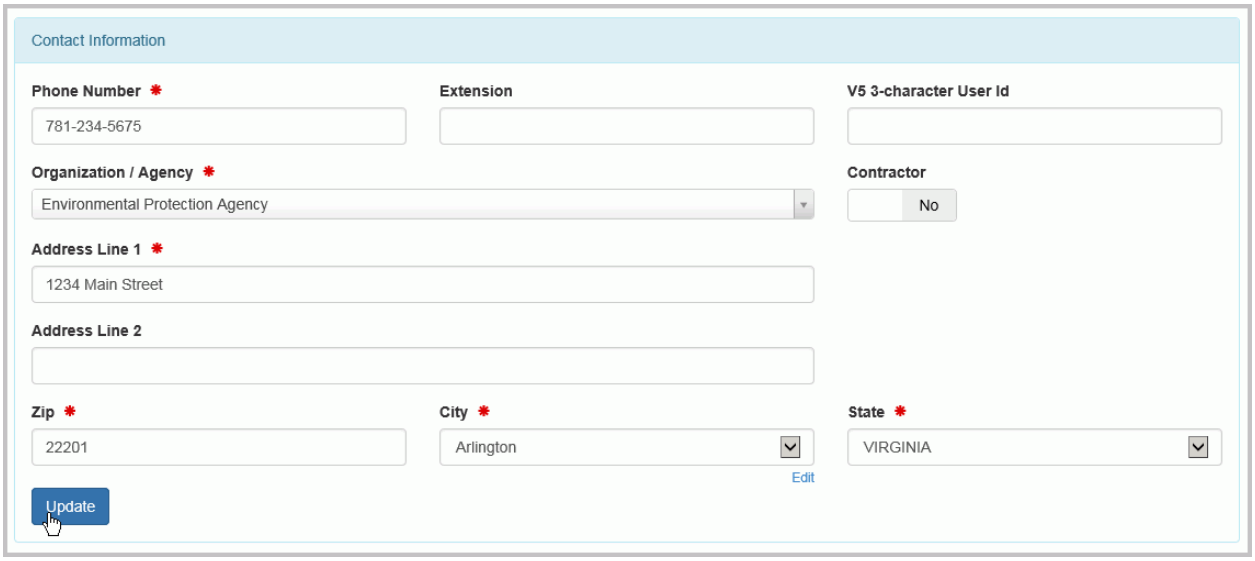


If the account is already active, a "Deactivate" button will replace the "Activate" button, and the Administrator can make the account inactive. It is recommended that accounts be deactivated when a User permanently leaves employment, when a User takes an extended leave from employment, and/or when a User may cause harm to the RCRAInfo application.

PASSWORD RESET

A User Maintenance Administrator can also require a User to change their password by clicking the "Send Password Reset" button. This action will invalidate the User's credentials and will send an email to the User with instructions of how to change their password. The User's credentials will be invalid until the password is properly reset. ***Note: A User Maintenance Administrator can never assign a password to a User. The Administrator may force a User to change their password, but the new password is assigned by the User, not the Administrator.***

UPDATE PROFILE

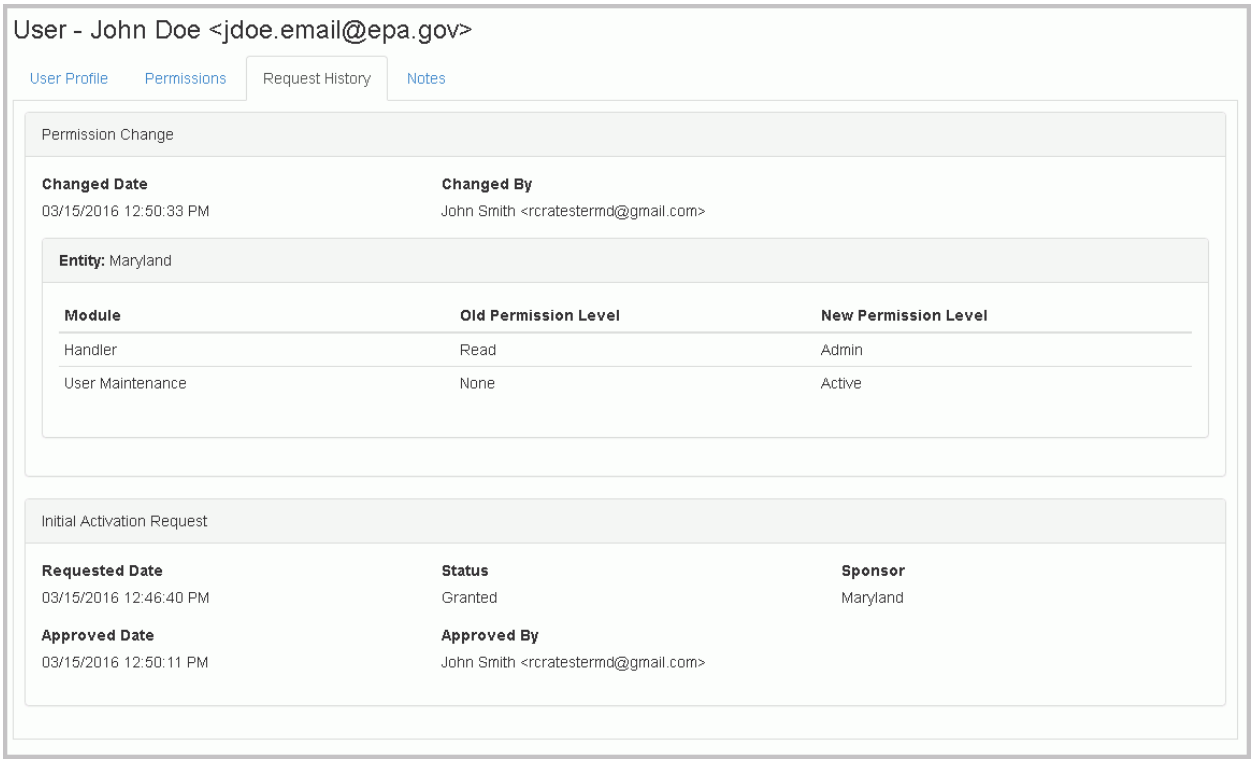


The User Maintenance Administrator may revise any or all of the contact information associated with the User including telephone number, organization, and address. Once the revisions have been made, the Administrator will click the "Update" button to save the information. An email will be sent to the User indicating that revisions were made to their profile.

REQUEST HISTORY

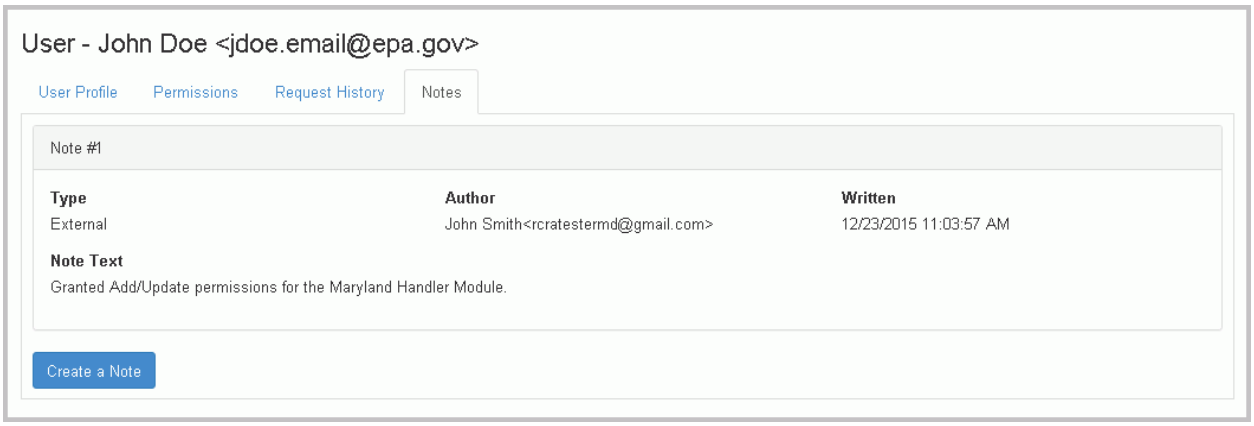
A history of requests is maintained to show when users were created, activated, and authorized for various activities within the application. To see the request history for a given user, click the "Request History" tab on the User Profile screen.

The Request History tab will show the Initial Activation Request and Permission Changes. Each request will show when the request was made, the status of the request, the administrator that granted or denied the request, and the date that the request was granted or denied. Below is a sample of the information that you would see on the Request History screen for a RCRA User.

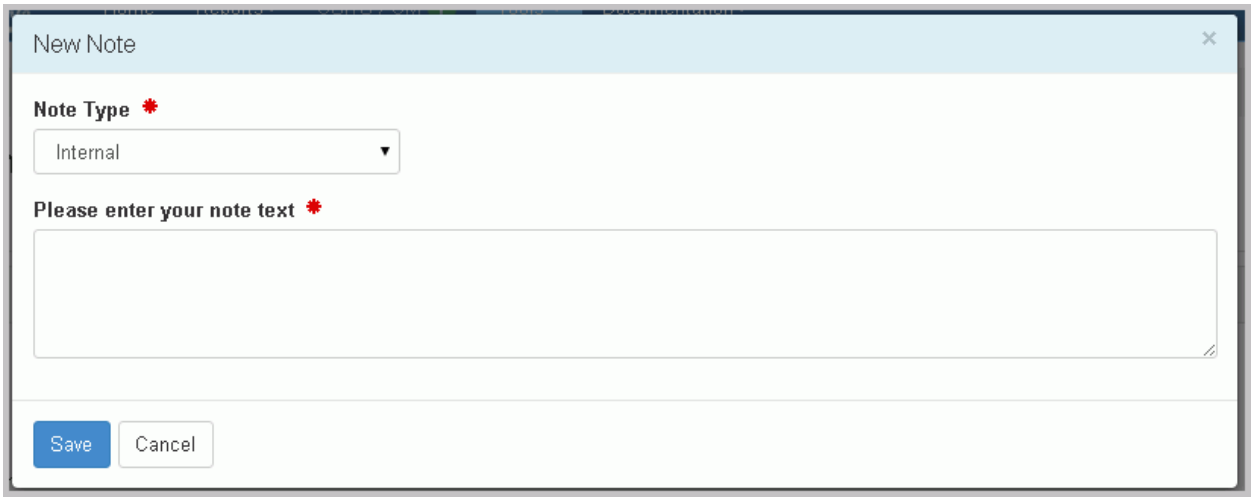


USER NOTES

Administrators may create notes associated with a User's account. To access these notes, click the Notes tab from the User's Profile.



CREATE A NOTE



To create a note that will be associated with this User's account, click "Create a Note". A pop-up box will be displayed where you will enter the Note Type and the text of your note. There are two types of notes: 1) Internal and 2) External. Internal notes can only be seen by Administrators. External notes can be seen by any Administrator and the User associated with the account. If you do not want your notes to be seen by the User, select Internal (this is the default). Once you have entered your text, click "Save". ***Note: Currently there is no way to delete a note once it has been created.***

DELETING A USER

User Maintenance Administrators may remove a "RCRA" (i.e., CDX users CANNOT be deleted in this manner) user entirely from RCRAInfo if the user meets one of the following conditions:

- the user registered for a RCRAInfo account but never verified their email address (i.e., did not click the link provided in the verification email);
- the regulator denied the user's request for a RCRAInfo account;
- the user has been deactivated AND does not have any module permissions or permission requests ***Note: It may be necessary to deactivate a user and/or remove previously granted permissions before deleting the user.***

To delete a user, find the appropriate user using the User Search function. Next, from the User Profile tab, click the "Delete" button. ***Note: The "Delete" button is present only if the user meets one of the conditions listed above.*** A pop-up window will ask you to confirm that you want to delete the specified user. Click the "Continue" button to confirm your intention to delete the user. Once you click the "Continue" button, the user will be deleted including their profile information. ***Note: This operation cannot be undone.***

RCRAInfo Industry User

AUTHORIZATION REQUEST

Industry User Maintenance Administrators approve or deny an Industry User's request for access to a site. This permission applies only to Industry Users requesting sites located in the State for which you have the Industry User Maintenance permissions. For example, a Maryland Industry User Maintenance Administrator may only approve or deny requests made by Users who are requesting sites located in Maryland.

When a User requests access to a site and that site does NOT have a site manager, the Industry User Maintenance Administrators for the State in which that site is located will receive an email indicating that the User has requested access to a site in their State. There are multiple ways in which the Industry User Maintenance Administrator may get to the appropriate screen to respond to this request: 1) Email; 2) Pending User Requests link; and 3) Tools / User Maintenance selection. Each of these methods are described in further detail below. ***Note: If the site requested does have a site manager, the Industry User Maintenance Administrator will be able to view the request, but the Industry User Maintenance Administrator should allow the site manager to act upon the request. If the request is not acted upon in a timely manner, the Industry User Maintenance Administrator may approve (or deny) the request or contact the site manager to determine the proper course of action.***

EMAIL

Dear Brenda Neel <bneel@goldsystems.com>,

The following site permissions are being requested for John Q Public <JOHN_PUBLIC> for Utah. If appropriate, please grant these permissions at your earliest convenience.

Permissions

Module	Current Level	Requested Level
Biennial Report	None	Certifier
myRCRAid	None	Certifier

Sites

Site Id	Site Name
UTR000000810	WALMART SUPERCENTER #4208
UTR000008011	WALMART SUPERCENTER #5350
UTR000008284	WALMART SUPER CENTER #3589

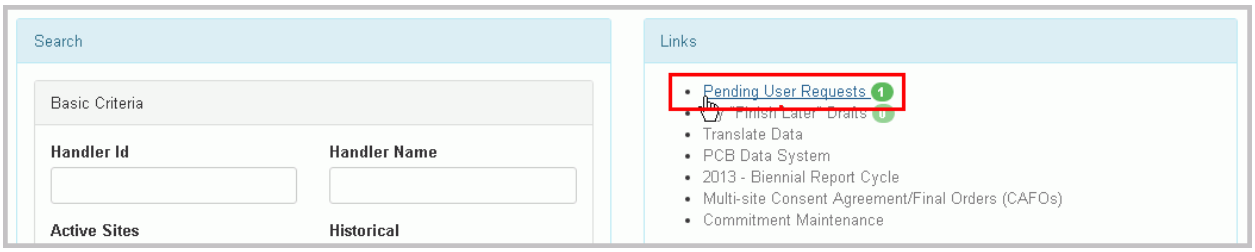
Click here to approve or reject these privileges.

Thank you!
RCRAInfo Team

When a User requests a site for which you are a Industry User Maintenance Administrator and the site does not have a site manager, you will receive an email indicating that a request for access to a site(s) has been made. This email will contain a link that will direct you to the

requested User's Request History tab of their User Profile. If you are not currently logged into RCRAInfo when you click the link in the email, you will be required to provide your user id and password before being directed to the Request History tab.

PENDING USER REQUESTS



The "Pending User Requests" link on the RCRAInfo Home page indicates if you have outstanding User requests for a module/component for which you are an Administrator. If you do not have any outstanding requests, the badge (green) next to the link will show "0". However, if the badge next to the link is greater than or equal to 1, this indicates that you have one or more outstanding requests.

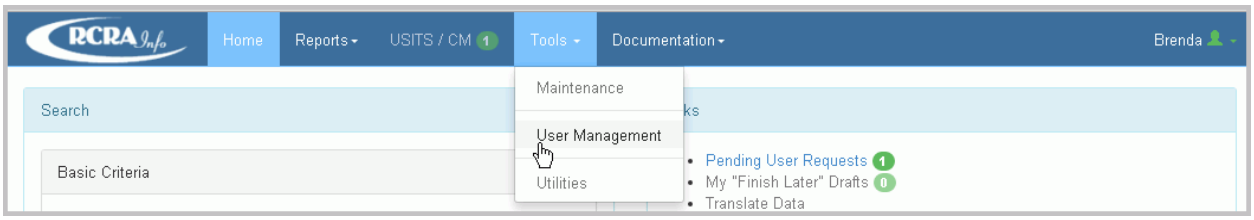
Click the "Pending User Requests" link to see the outstanding requests under your purview.

You may further refine the pending requests displayed by specifying a search string in the Search box. This search is limited to the requests **already** in the results set. This search is conducted across all columns. For example, if you put 'RON' in the Search box, it will return all Users in the results set that have the string 'RON' anywhere within the Request Type, User Id, Name, or Organization (i.e., an email of 'ronald.reagan@epa.gov', a last name of 'bronson', and/or an organization of 'maryland department of environment'). This search is not case-sensitive.

The Request Type, User Id, Name (First and Last), Organization, and Date Requested will be displayed for the first 10 requests. You may change the number of requests displayed by selecting a value from the "Show entries" drop-down list. The requests may be sorted by Request Type, Email, Name, Organization and/or Date Requested by clicking the up or down arrow next to the column. You may page through the entries by using the "Previous" and "Next" buttons as appropriate.

A Request Type of "SiteAuthorization" indicates that the User has requested access to a site and is waiting for a site manager (if the site has a site manager) or Industry User Maintenance Administrator to approve or deny the request. Click the User Id of the User of interest to process their request. You will be taken to the User Profile - Request History tab.

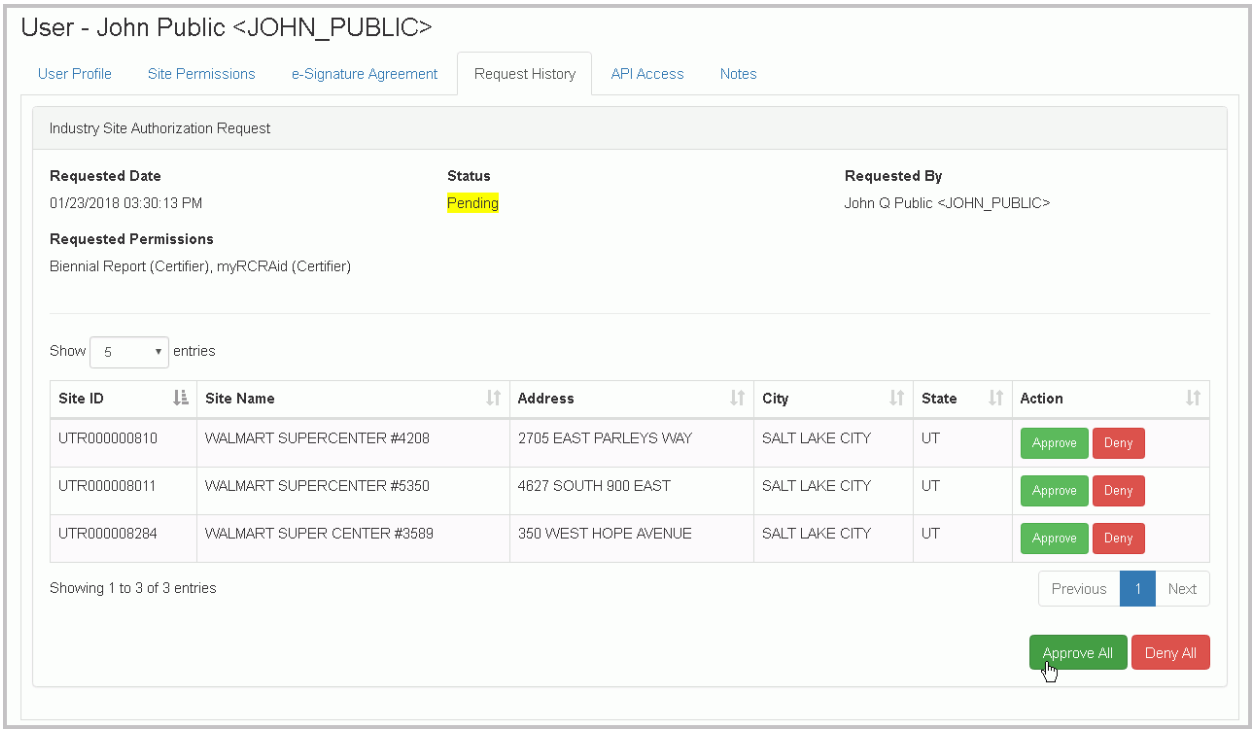
TOOLS / USER MAINTENANCE



You can also see outstanding User requests by clicking the “Tools” button at the top of the page and selecting “User Maintenance”. The “Pending Users Request” page will be displayed (see above for additional details).

APPROVING THE REQUEST

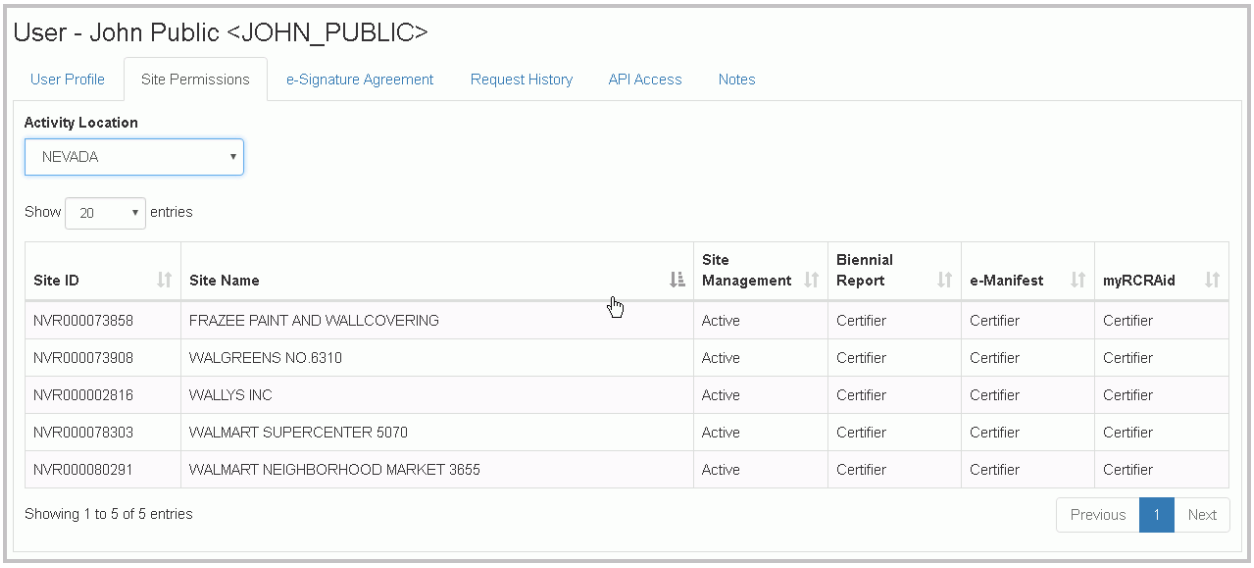
Regardless of the method by which you respond to the User's request (email, pending user requests link, or tools/user maintenance), you will be taken to the Request History tab of the User Profile. The industry requests under your purview that do NOT have an associated Site Manager will be displayed as indicated by the Responsible Reviewer "Regulator" value. To see the requests that do have an associated Site Manager, select "Regulator or Site Manager" in the Responsible Reviewer drop-down list. The title associated with the request indicates whether the request should be acted upon by the regulator or by a Site Manager. Requests that should be acted upon by the regulator will have a title of "Site Authorization By Regulator" and requests that should be acted upon by the Site Manager will have a title of "Site Authorization By Site Manager". ***Note: If the site requested does have a site manager, the Industry User Maintenance Administrator will be able to view the request, but the Industry User Maintenance Administrator should allow the Site Manager to act upon the request. If the request is not acted upon in a timely manner, the Industry User Maintenance Administrator may approve (or deny) the request or contact the Site Manager to determine the proper course of action.***



Clicking the "paper" icon next to the Site ID opens a new tab displaying the source records associated with this site. This information can be extremely useful for the regulator to determine if the request is legitimate and should be approved or denied. Clicking the “Approve” button will grant the permissions specified under the Requested Permissions label to that specific site or clicking the "Approve All" button will grant the requested permissions to all of the sites listed that have not been approved or denied individually. An email will be sent to the User indicating that their access has been approved. Clicking the “Deny” or "Deny All" button will deny the requested permissions for the sites listed, leaving the permissions (if any) at there current settings. A pop-up window will be displayed allowing you to indicate why this request is being denied. An email will be sent to the User indicating that access to their requested sites have been denied. This email will include the comments that you provided.

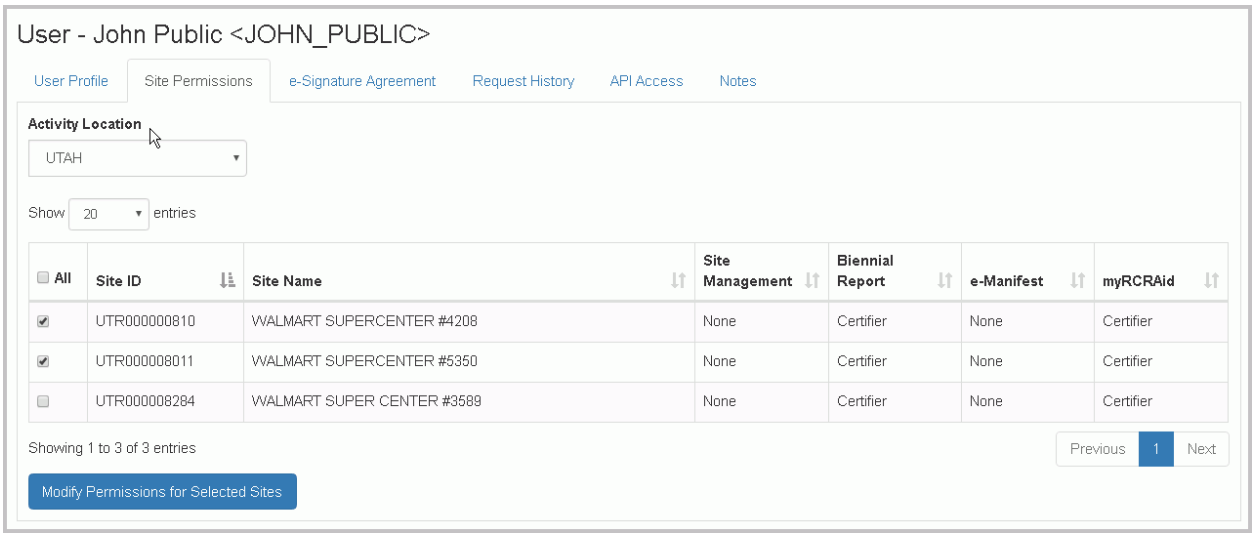
SITE PERMISSIONS

The site permissions associated with an Industry User can be found on the Site Permissions tab of the User Profile screen. The Activity Location drop-down list will display the States in which the user has association with at least one site. Select the appropriate Activity Location from the drop-down list for the permissions that you want to view and/or revise. The sites for which this User has permissions will be displayed showing the Site Management permission as well as the permissions for each module within the RCRAInfo Industry Application. The sites are sorted by Site Name, but may be re-sorted using the arrows next to each column label. ***Note: The "paper" icon next to the Site ID opens a new tab displaying the source records associated with this site.***

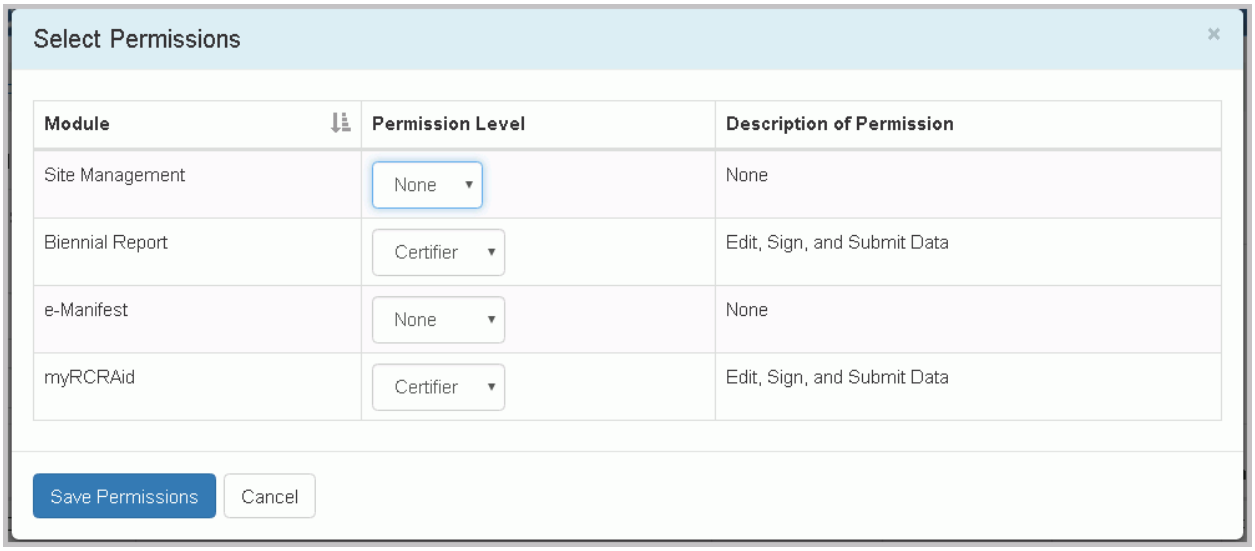


GRANT PERMISSIONS

You can only grant permissions for sites located in a State for which you have the Industry User Maintenance permission. To grant additional permissions or revise the current permissions to a site or sites, click the checkbox next to the site or sites of interest, or click the checkbox next to the All label to select all of the sites displayed.



Once you select at least one site, the "Modify Permissions for Selected Sites" button will be displayed. Click this button to modify the permissions for the sites selected.



Revise the permissions as appropriate and click the "Save Permissions" button. An email will be sent to the User letting them what permissions were changed and which sites were affected.

SITE ID REQUESTS

It is extremely important that requests made by RCRAInfo Industry users for a new site identification number be processed by the appropriate regulator in a timely manner. The Site ID Requests tab shows pending site identification requests made by the industry user, as well as Draft or Rejected submissions they still need to submit. The green badge on the tab indicates how many pending requests the industry user has awaiting to be processed. These requests should be acted upon promptly. The tab shows you the Activity Location, Site Name, Submission Type (Notification or Manifest Broker), Submitted Date, and Last Reminder Date. Any request in Pending status should be acted upon promptly from the myRCRAid Submissions link on the Home Page.

If the status is "Pending" and you do not have the myRCRAid Maintenance permissions needed to act upon these requests, you may click the "bell" icon on the right-hand side of the appropriate submission to send a reminder to the user(s) with the proper permissions to process that request. If the status is "Draft" or "Rejected", the "bell" icon will send a reminder to the submitter (i.e., industry user) that an action is required from them before the submission can be processed.

E-SIGNATURE AGREEMENT

RCRAInfo Industry Application user's who have been granted a "Certifier" role for at least one site for at least one module (i.e. myRCRAid, Biennial Report, e-Manifest) or have been granted the "Site Management" role for at least one site must have an Electronic Signature Agreement (ESA) in place before they may submit and sign information within the industry application. In most cases, the ESA will be processed electronically, requiring no interaction from the Industry User Maintenance Administrator. However, in some instances, the ESA may be obtained using the manual paper process. This process requires the industry user to manually provide their signature on a pre-approved ESA form and mail the wet signature to their appropriate Site Manager or regulatory authority as directed.

Once the paper form is received, the Industry User Maintenance Administrator must manually assign the ESA Status for this user on the e-Signature Agreement tab of the User Profile screen. ***Note: The e-Signature Agreement tab is only present for RCRAInfo Industry Application Users (i.e., users with a Profile Type of CDX).*** Click the "Edit" button to set the ESA status. A pop-up window will be displayed showing the User ID, User Name, Status (current) and New Status. Select "Received (paper) from the New Status drop-down list and click "Save". This will allow the industry user to sign and submit information for any site that they have been assigned the Certifier permission.

The values in the New Status drop-down list vary based on the current status. Below are a list of the valid statuses with a brief description of each.

- Pending (paper) - The user has indicated that they are submitting a paper ESA to the appropriate Site Manager or regulator. The user cannot electronically sign when the ESA is in this status.
- Received (paper) - The Site Manager or regulator has received and approved the paper ESA and the user can electronically sign from within the RIA.
- Received (electronic) - The user used the electronic identity proofing method to obtain their ESA and the user can electronically sign from within the RIA. ***Note: This status cannot be changed.***
- None - The Site Manager or regulator received a paper ESA but did not approve it or the user has indicated that rather than submitting a paper ESA, they want to use the electronic identity proofing. Users with this status will be prompted to obtain an ESA (either electronically or via paper) when they log into the RIA.
- Pending - The user has started the ESA process via the Central Data Exchange (CDX), but the ESA has not been approved. The user cannot electronically sign when the ESA is in this status.

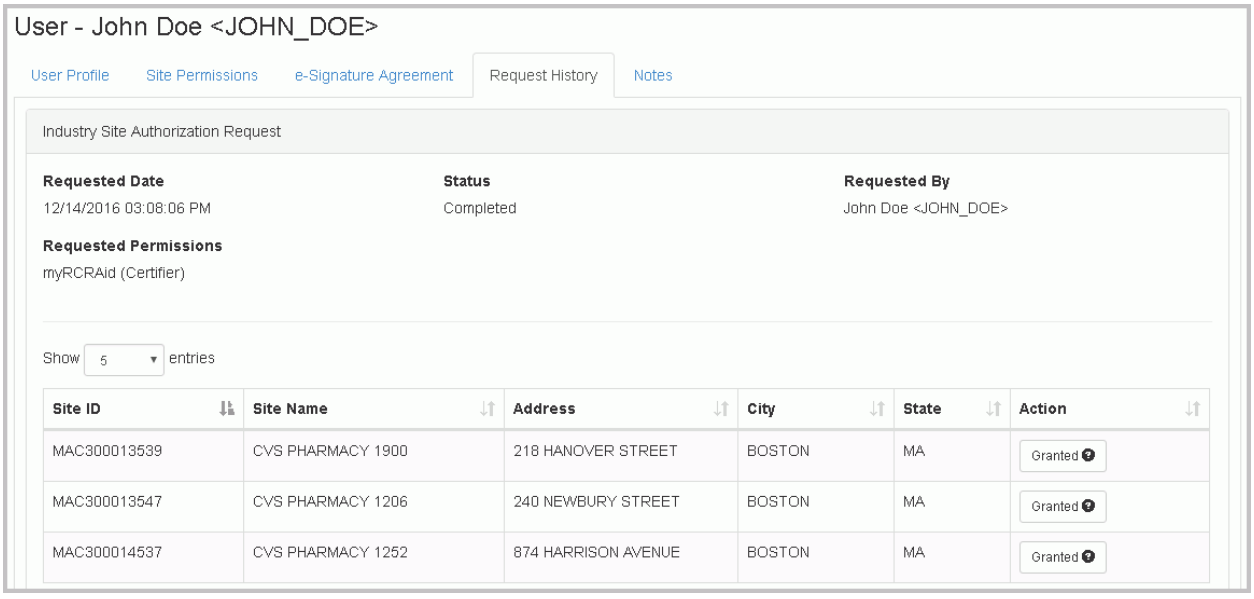
- Received - The user's ESA was approved via the CDX and the user can electronically sign from within the RIA. ***Note: This status cannot be changed.***

Each time a user's ESA status changes, the change will be captured in the history log including how the status changed, who changed it, and the date that it was changed.

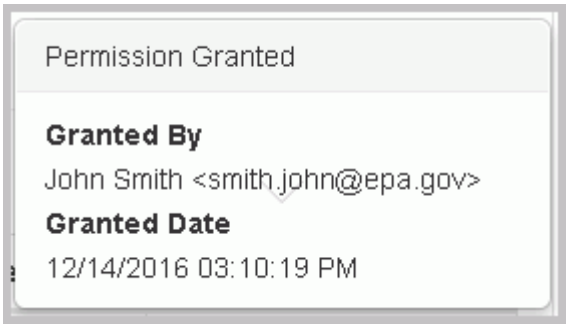
REQUEST HISTORY

A history of requests is maintained to show when users were created, activated, and authorized for various activities within the application. To see the request history for a given user, click the "Request History" tab on the User Profile screen.

By default, the Request History tab will show the Site Authorization By Regulator Requests, including the when the request was made, the permissions requested, the status of the request, the administrator that granted or denied the request, the date that the request was granted or denied, and a list of the sites for which permissions were being requested. To see Site Authorization By Site Manager Requests, change the value in the Responsible Reviewer drop-down list to "Regulator or Site Manager". This will show all of the requests under your purview regardless of whether they were acted upon by a regulator or by a Site Manager. Below is a sample of the information that you would see on the Request History screen for a RCRAInfo Industry Application User.

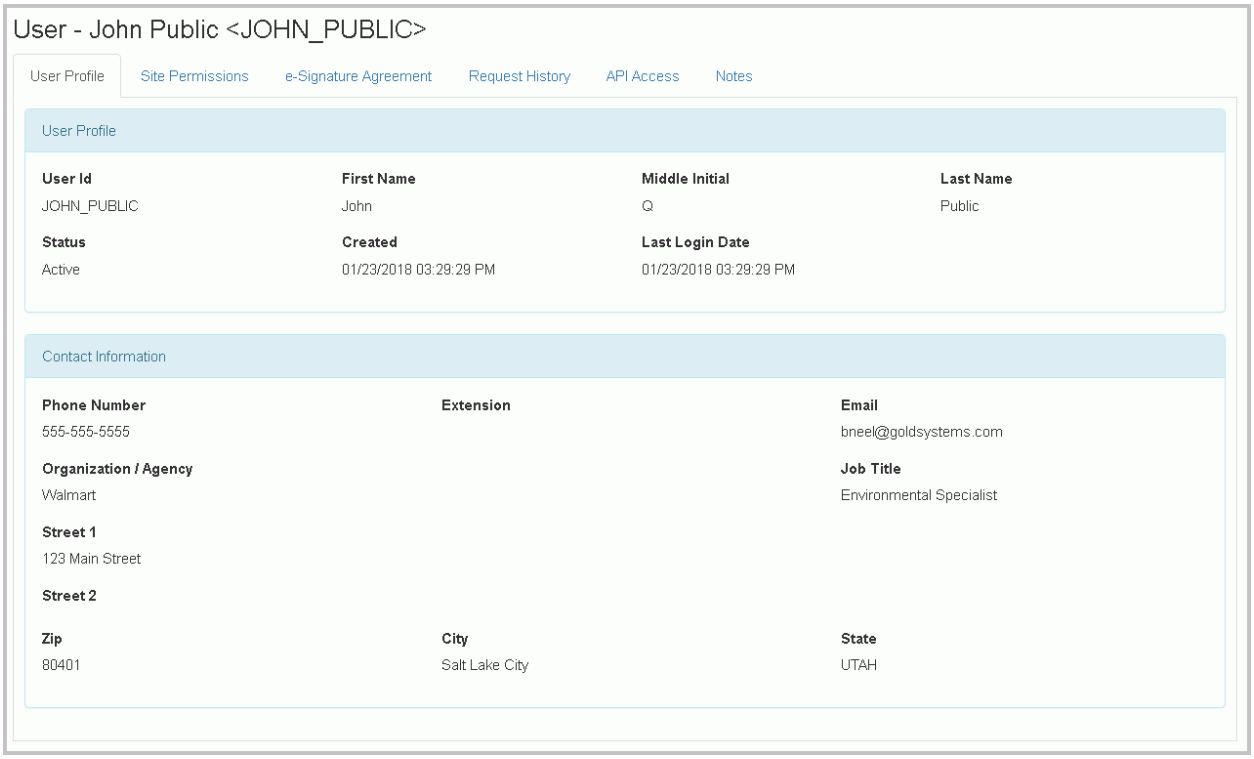


By clicking the "Granted" or "Denied" buttons under the Action column, you can see who granted or denied the request and the date that the request was granted or denied.


Permission Granted
Granted By
John Smith <smith.john@epa.gov>
Granted Date
12/14/2016 03:10:19 PM

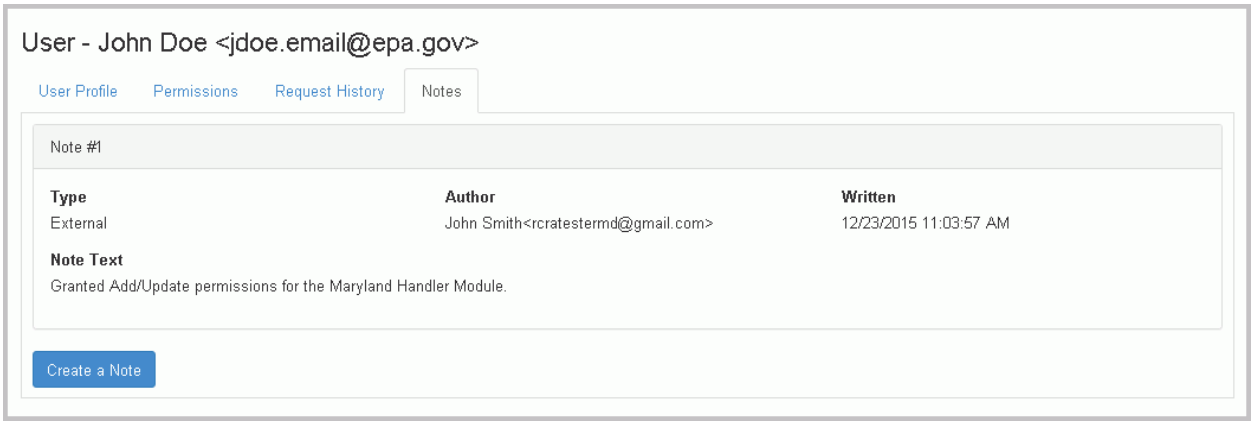
USER PROFILE

The Industry User's profile information can be found on the User Profile tab of the User Profile screen. This information is read-only, that is, it can only be changed by the Industry User themselves.

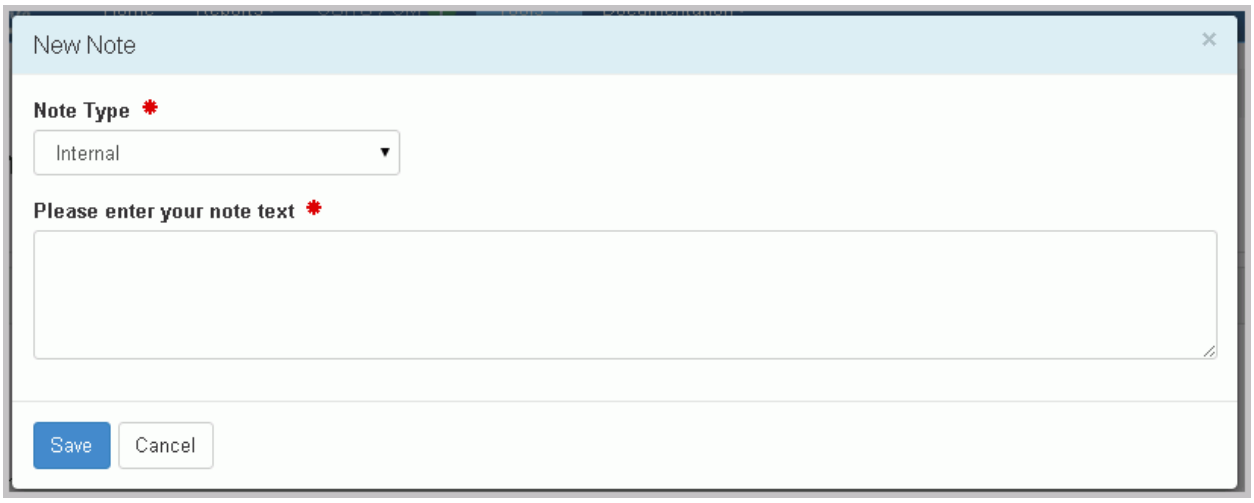


USER NOTES

Administrators may create notes associated with a User's account. To access these notes, click the Notes tab from the User's Profile.



CREATE A NOTE



To create a note that will be associated with this User's account, click "Create a Note". A pop-up box will be displayed where you will enter the Note Type and the text of your note. There are two types of notes: 1) Internal and 2) External. Internal notes can only be seen by Administrators. External notes can be seen by any Administrator and the User associated with the account. If you do not want your notes to be seen by the User, select Internal (this is the default). Once you have entered your text, click "Save". ***Note: Currently there is no way to delete a note once it has been created.***

Data Administrator

DATA ADMINISTRATOR INTRODUCTION

A Data Administrator has the ability to grant permissions to one or more modules (i.e., Handler, Permitting, CM&E, etc.). A Data Administrator is a User whose module component in the Permissions tab is set to "Admin" (ex. the Handler component = "Admin"). A Data Administrator may or may not also be a User Maintenance Administrator. The Data Administrator CANNOT activate/deactivate accounts, reset passwords, or update a user profile (the User must also be a User Maintenance Administrator to conduct these activities). Topics in this book will show you how to grant permissions and request permissions, view a user profile, and conduct a user search.

- **Grant Permissions** - How to grant permissions to a User
- **Request Permissions** - How to request permissions on behalf of a User
- **Granting Requested Permissions** - How to grant permissions to a User that were requested by another Administrator
- **View User Profile** - How to view a User's profile
- **User Search** - How to search for Users

GRANTING PERMISSIONS

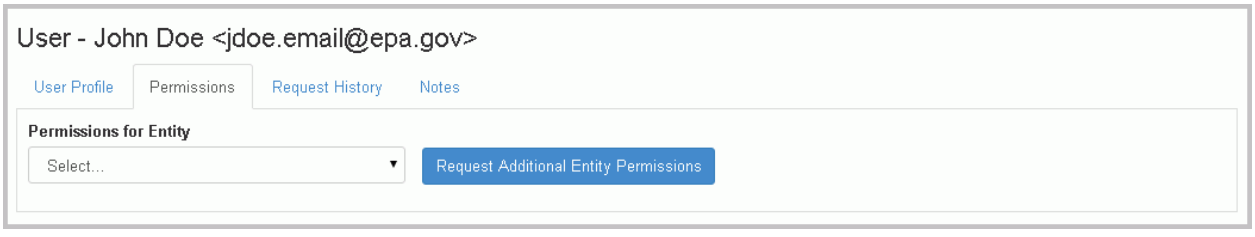
An Administrator may be a User Maintenance Administrator only, a Data Administrator only, or both a User Maintenance and Data Administrator. Regardless of the type of Administrator, an Administrator may **only** grant permissions for modules/components for which they are an administrator. For example, a User Maintenance Administrator has the ability to grant User Maintenance permissions and permissions associated with the RCRAInfo Industry Application. However, a User Maintenance Administrator may or may not have the ability to grant permissions for other modules/components. Conversely, a Data Administrator may grant permissions for modules/components for which they are an Administrator, but may or may not have the ability to grant permissions for User Maintenance. Additionally, Administrators may only grant permissions for the entities for which they have been given administrator privileges.

Examples

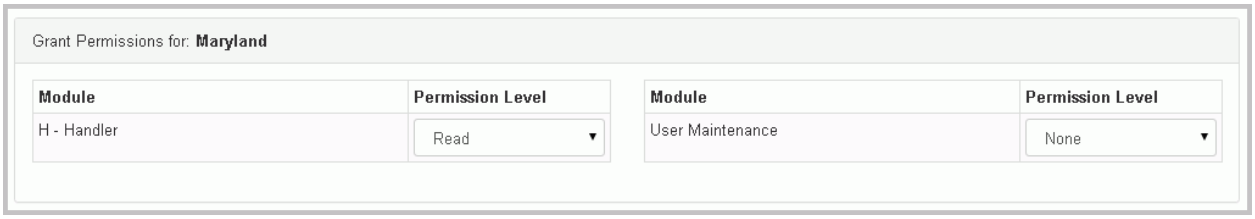
- A User Maintenance Administrator for Maryland can grant user maintenance administrator permissions for Maryland to **any** other RCRAInfo User (including users whose sponsor is NOT Maryland).
- A Maryland Handler Data Administrator can grant Add/Update, Delete, or Administrator permissions for Maryland's handler data to **any** other RCRAInfo User (including users whose sponsor is NOT Maryland).
- A User who is both a User Maintenance Administrator for Maryland and a Maryland Handler Data Administrator can grant appropriate permissions for both user maintenance and handler.
- A User Maintenance Administrator for Maryland CANNOT grant user maintenance permissions for an entity other than Maryland.
- A Maryland Handler Data Administrator CANNOT grant handler permissions for an entity other than Maryland.

GRANT PERMISSIONS

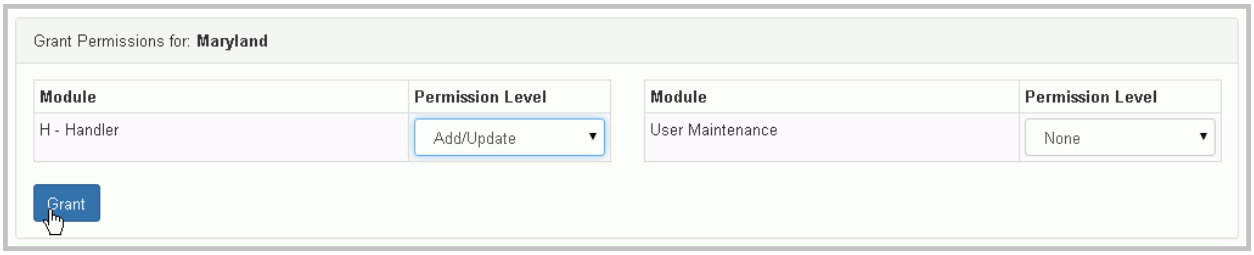
To grant permissions, go to the User Profile – Permissions tab. The Administrator must first select an entity from the "Permissions for Entity" drop-down list. This drop-down list will contain all of the entities (States and/or Regions) for which the User currently has at least one permission above Read-only. If the entity that you want to grant permissions for is not displayed, the Administrator may select the entity by clicking the "Request Additional Entity Permissions" button, then selecting the appropriate entity from the drop-down list.



Note: In Version 5, permissions were assigned for each module. That permission applied to all data within that module for which your agency was the Implementer of Record (IOR). For example, if your agency was IOR for S, B, and T Evaluations in the CM&E module, and you had Add permissions for the CM&E module, you could add S, B, and/or T evaluations within RCRAInfo. In Version 6, the functionality of permissions and IOR have been merged. You may now be granted Add/Update permissions for the S evaluation, but only Read permissions for the B and T evaluations. The permissions for each combination of Module (handler, permitting, CM&E, etc.), Category (events, units, evaluations, violations, etc.), and Value (S, E, J, etc.) are assigned independently. Additionally, your permissions are no longer tied to the agency for which you are associated. You may be granted permissions for data associated with any entity (Region and/or State). This level of assignment allows for maximum flexibility and additional capabilities that were not present in Version 5.



The screen will display all of the module/category/value combinations for which you have the administrator permission. Initially, all permissions will be assigned as “Read” or "None". You may individually set the permission for each module/category/value combination by selecting a permission from the appropriate drop-down list.

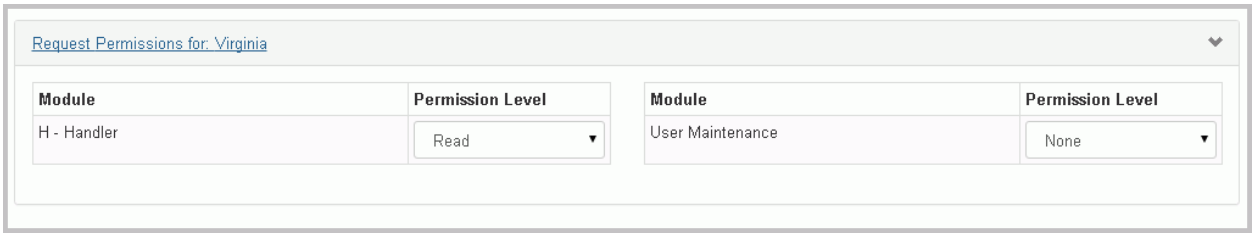


Once you have set the permission for at least one module/category/value combination, the “Grant” button will be displayed. After you have set every module/category/value combination to the appropriate permission, click “Grant”.

A confirmation of the permissions that you are granting will be displayed. If these permissions are correct, click “Confirm”. An email will be sent to the User indicating that permissions have been granted for their account. If the permissions presented are incorrect, or if you choose not to grant these permissions, click “Cancel” to abort the grant process.

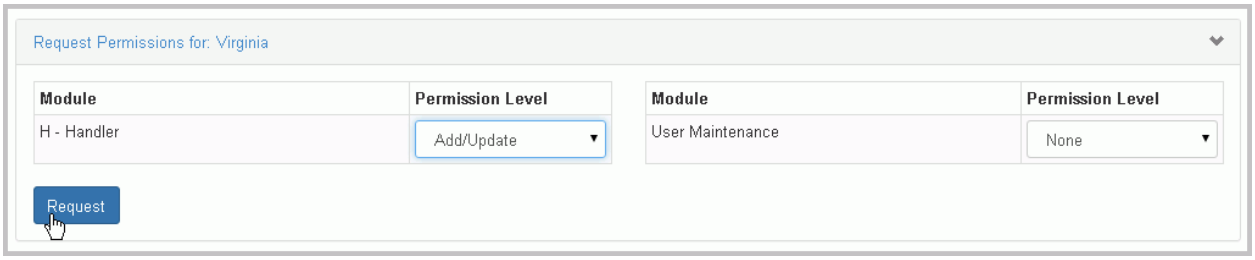
REQUEST PERMISSIONS

A User may require permissions for modules/categories/values for which you do not have administrator permissions. For example, a User associated with Region 3 may have a need to have Add/Update permissions for Virginia's Handler data. An Administrator who cannot grant these permissions may request these permissions on behalf of the user.

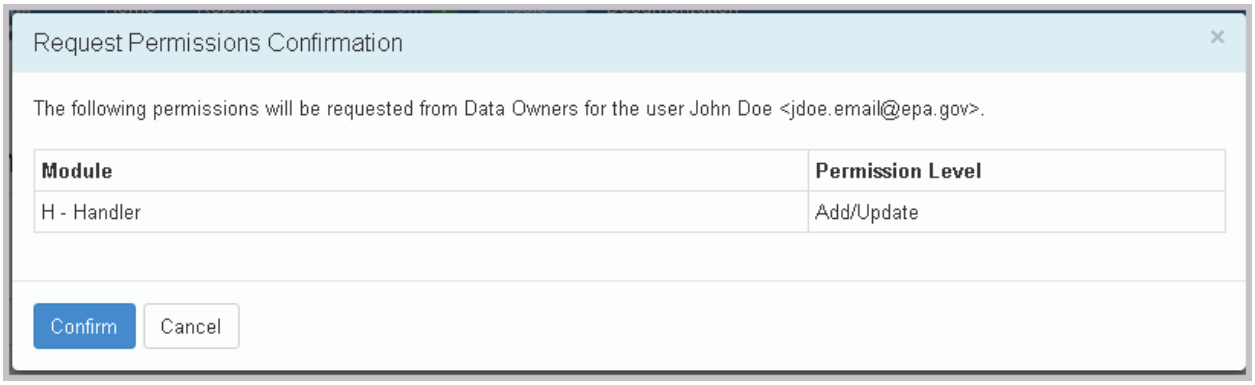


To request permissions for which you are not an Administrator, go to the User Profile – Permissions tab. The Administrator must first select an entity from the “Permissions for Entity” drop-down list. This drop-down list will contain all of the entities (States and/or Regions) for which the User currently has at least one permission above Read-only. If the entity that you want to request permissions for is not displayed, the Administrator may select the entity by clicking the “Request Additional Entity Permissions” button, then selecting the appropriate entity from the drop-down list.

Click the “Request Permissions For” link at the bottom of the screen. The screen will display all of the module/category/value combinations for which you do not have the administrator permission. Initially, all permissions will be assigned as “Read” or "None". You may individually request the permission for each module/category/value combination by selecting a permission from the appropriate drop-down list.



Once you have requested the permission for at least one module/category/value combination, the "Request" button will be displayed. After you have set every module/category/value combination to the appropriate permission, click "Request".

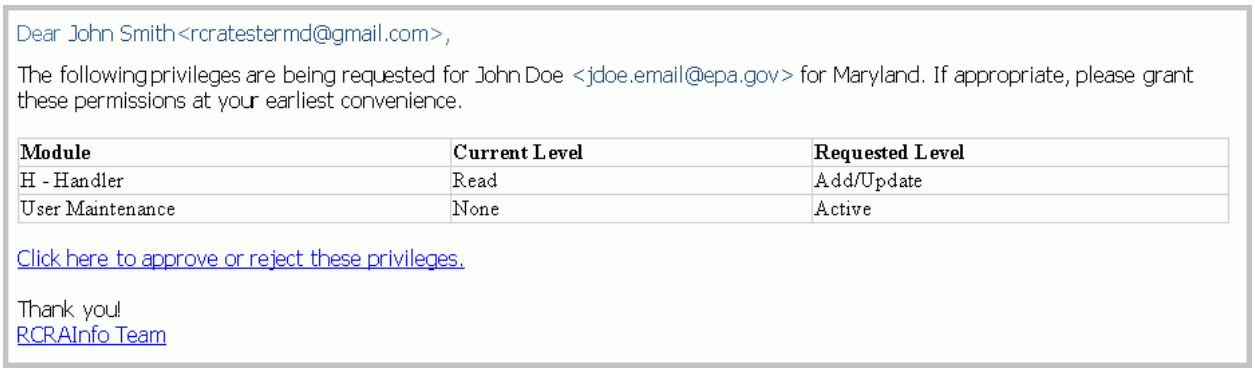


A confirmation of the permissions that you are requesting will be displayed. If these permissions are correct, click "Confirm". An email will be sent to all Administrators associated with this entity for the module/category/value combinations selected. Additionally, an email will be sent to the User indicating that additional permissions have been requested on their behalf. If the permissions presented are incorrect, or if you choose not to request these permissions, click "Cancel" to abort the request process.

GRANTING REQUESTED PERMISSIONS

Administrators may request permissions for which they are not an administrator, for themselves or for other users. When a request is made, an email is sent to the Administrator(s) of the requested permission(s). There are multiple ways in which the Administrator may get to the appropriate screen to respond to this request: 1) Email; 2) Pending User Requests link; and 3) Tools / User Maintenance selection. Each of these methods is described in further detail below.

EMAIL



Dear John Smith<rcratestermd@gmail.com>,

The following privileges are being requested for John Doe <jdoe.email@epa.gov> for Maryland. If appropriate, please grant these permissions at your earliest convenience.

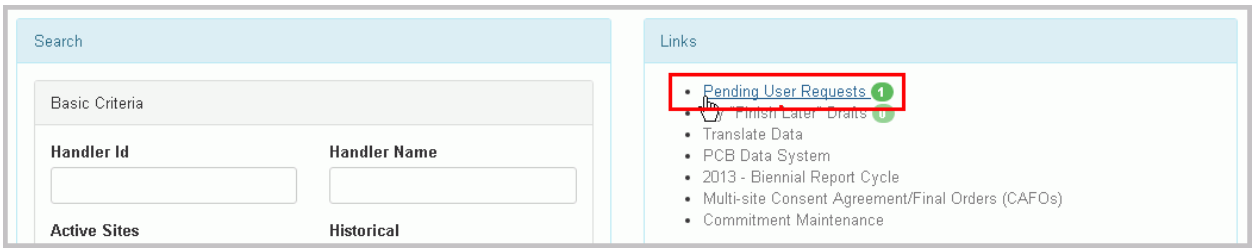
Module	Current Level	Requested Level
H - Handler	Read	Add/Update
User Maintenance	None	Active

Click here to approve or reject these privileges.

Thank you!
RCRAInfo Team

When an Administrator requests new permissions for a User, all Administrators that are an administrator for at least one module requested will receive an email indicating that a request for new permissions has been made. ***Note: The email will only show the requested modules for which you are an Administrator.*** This email will contain a link that will direct you to the requested User's Request History tab of their User Profile. If you are not currently logged into RCRAInfo when you click the link in the email, you will be required to provide your user id and password before being directed to the Request History tab.

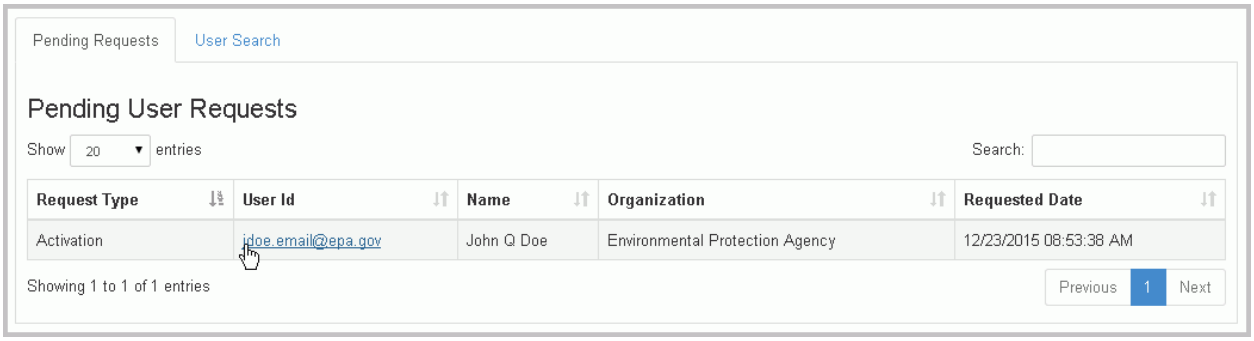
PENDING USER REQUESTS



The "Pending User Requests" link on the RCRAInfo Home page indicates if you have outstanding User requests for a module/component for which you are an Administrator. If you do not have

any outstanding requests, the badge (green) next to the link will show “0”. However, if the badge next to the link is greater than or equal to 1, this indicates that you have one or more outstanding requests.

Click the “Pending User Requests” link to see the outstanding requests under your purview.

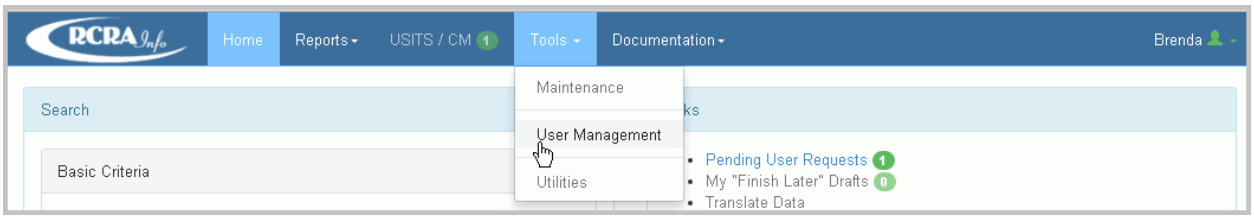


You may further refine the pending requests displayed by specifying a search string in the Search box. This search is limited to the requests **already** in the results set. This search is conducted across all columns. For example, if you put ‘RON’ in the Search box, it will return all Users in the results set that have the string ‘RON’ anywhere within the Request Type, User Id, Name, or Organization (i.e., an email of ‘ronald.reagan@epa.gov’, a last name of ‘bronson’, and/or an organization of ‘maryland department of environment’). This search is not case-sensitive.

The Request Type, User Id, Name (First and Last), Organization, and Date Requested will be displayed for the first 10 requests. You may change the number of requests displayed by selecting a value from the “Show entries” drop-down list. The requests may be sorted by Request Type, Email, Name, Organization and/or Date Requested by clicking the up or down arrow next to the column. You may page through the entries by using the “Previous” and “Next” buttons as appropriate.

A Request Type of "Activation" indicates that the User has requested a RCRAInfo account and is waiting for a User Maintenance Administrator to approve or deny the request. A Request Type of "Authorization" indicates that the permissions have been requested on behalf of the User and is waiting for the appropriate Administrator to approve or deny the request. Click the User Id of the User of interest to process their request. You will be taken to the User Profile - Request History tab.

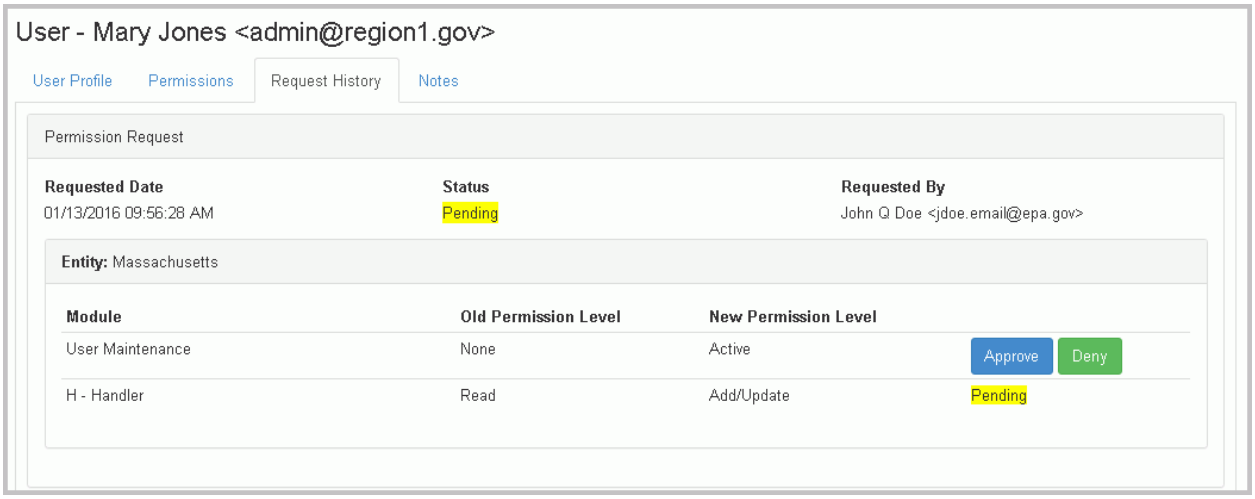
TOOLS / USER MAINTENANCE



You can also see outstanding User requests by clicking the “Tools” button at the top of the page and selecting “User Maintenance”. The “Pending Users Request” page will be displayed (see above for additional details).

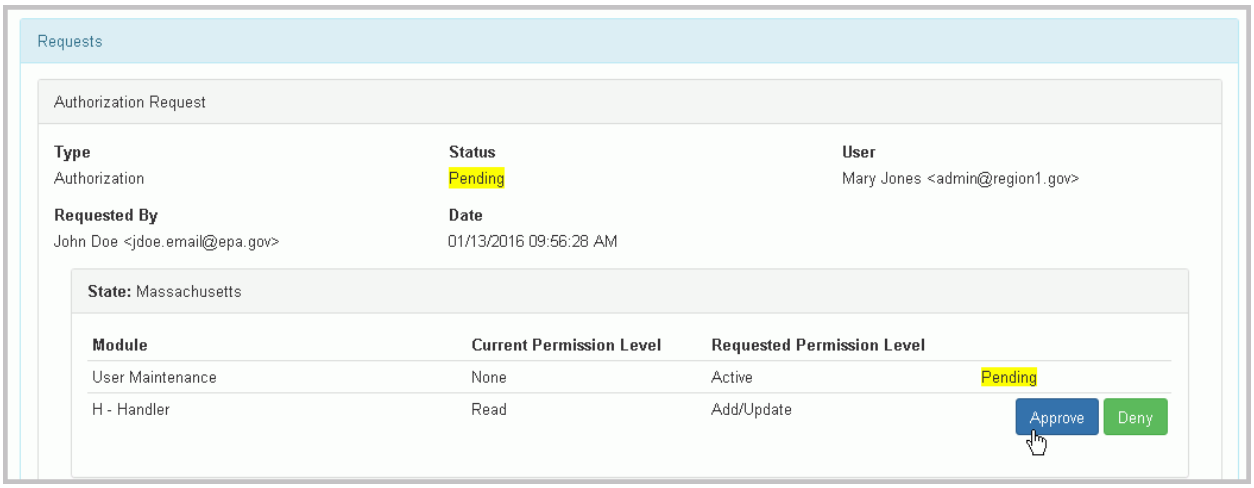
GRANTING REQUESTED PERMISSIONS

Regardless of the method by which you respond to the User's request (email, pending user requests link, or tools/user maintenance), you will be taken to the Request History tab of the User Profile.

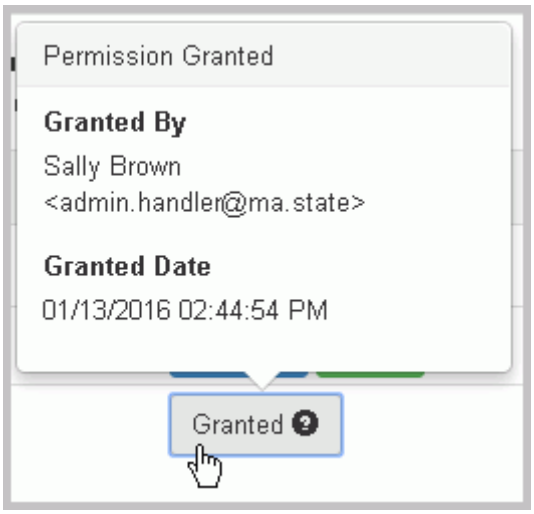


All of the permissions requested will be displayed, however, the "Approve" and "Deny" buttons will only be displayed next to permissions for which you are an Administrator. From this screen you can see the date in which the request was made, the status of the request, who made the request, the entity for which permissions are being sought, and the module / permission level that is being requested.

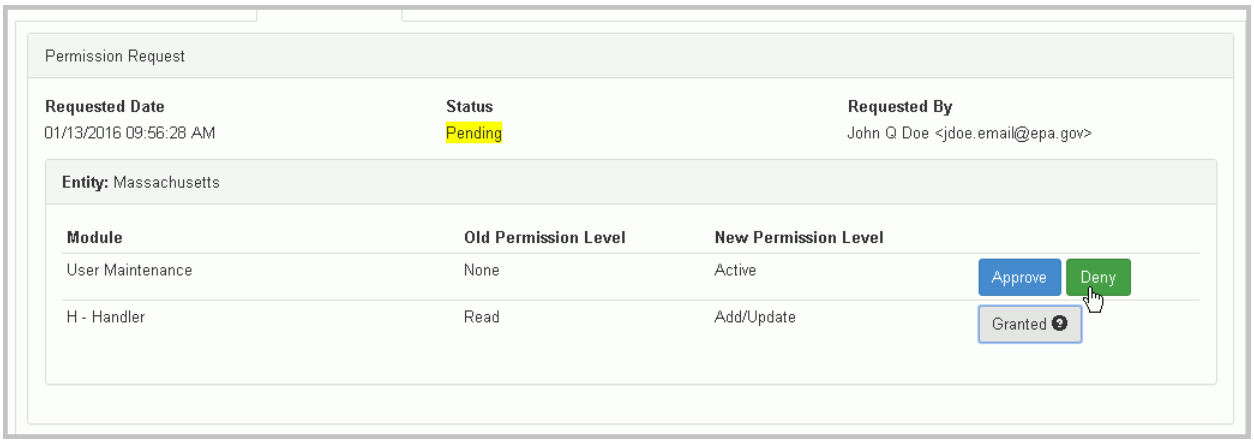
APPROVE REQUESTED PERMISSIONS



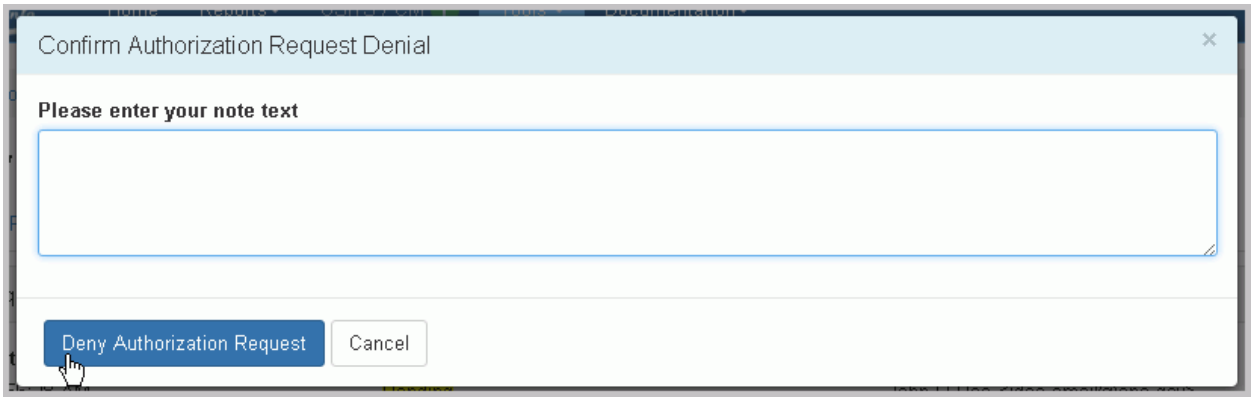
To approve the requested permission, click the "Approve" button next to the appropriate permission. ***Note: The permission may only be approved for the level requested.*** An email will be sent to the user informing them that the permission has been approved. The "Approve" and "Deny" buttons will be replaced with a "Granted" button. By clicking this button, you can see the details associated with this approval included who granted the permission and on what date.



DENY REQUESTED PERMISSIONS



To deny the requested permission, click the "Deny" button next to the appropriate permission.



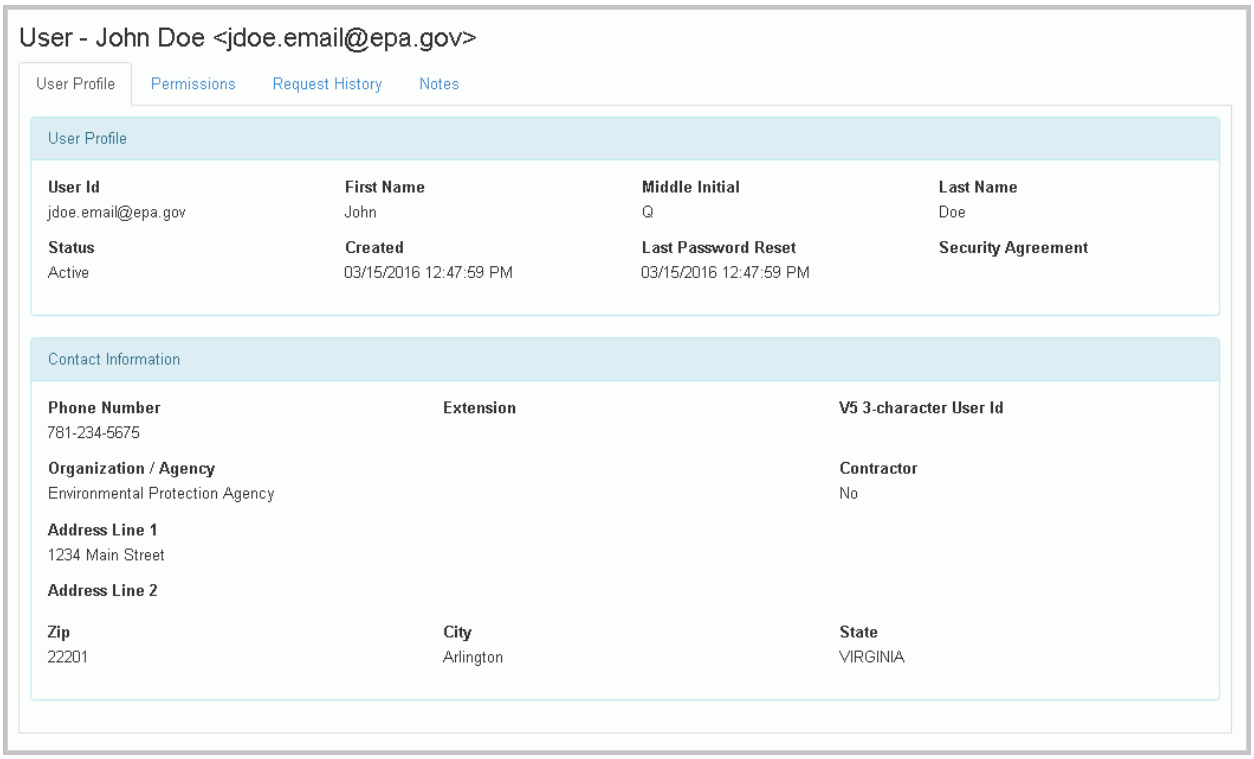
A pop-up window will display prompting you to provide a reason why this request is being denied. ***Note: The notes WILL be included in the email sent to the user indicating why the request was denied.*** Click the "Deny Authorization Request" button to deny the request. The "Approve" and "Deny" buttons will be replaced with a "Denied" button. By clicking this button, you will see the details associated with this denied request including who denied the request, the date the request was denied, and the comments provided.

Permission Denied
Denied By
Robert Smith
<admin.user@ma.state>
Denied Date
01/13/2016 03:05:39 PM
Denial Comment
At this time, Massachusetts does not have a need to have a Region 1 employee approve Massachusetts users.
Denied

USER PROFILE

Data Administrators CANNOT revise a User's profile information, however, they can view the information. The User's profile information can be found on the User Profile tab of the User Profile screen.

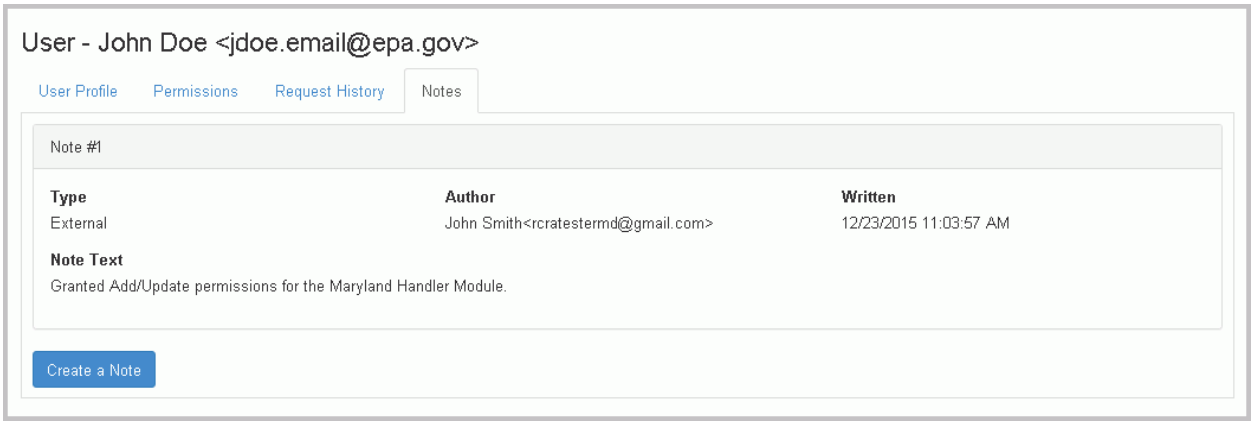
VIEW PROFILE



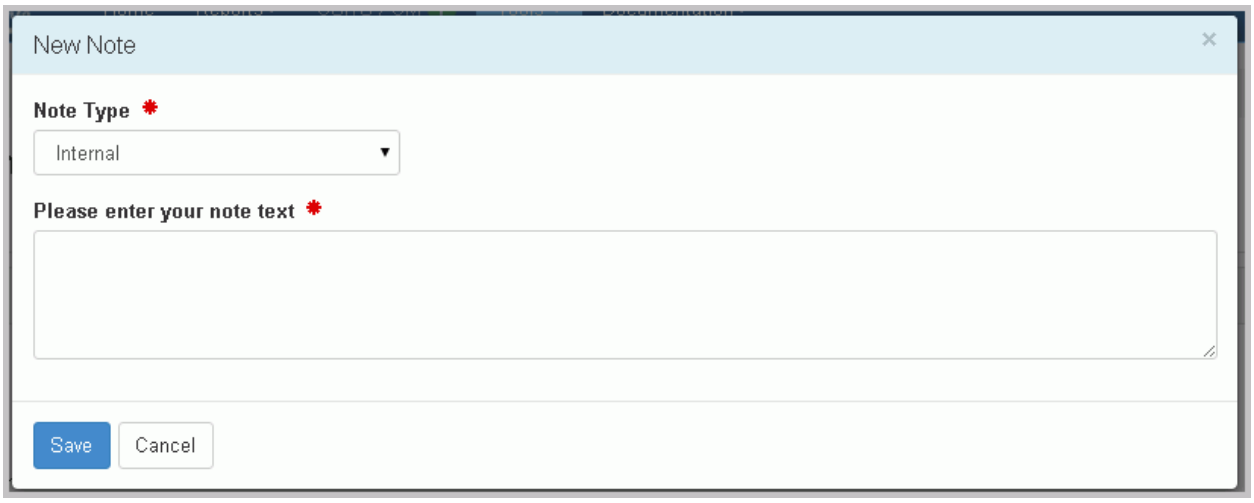
The information associated with the User including account status, last password reset, telephone number, organization, and address will be displayed.

USER NOTES

Administrators may create notes associated with a User's account. To access these notes, click the Notes tab from the User's Profile.



CREATE A NOTE

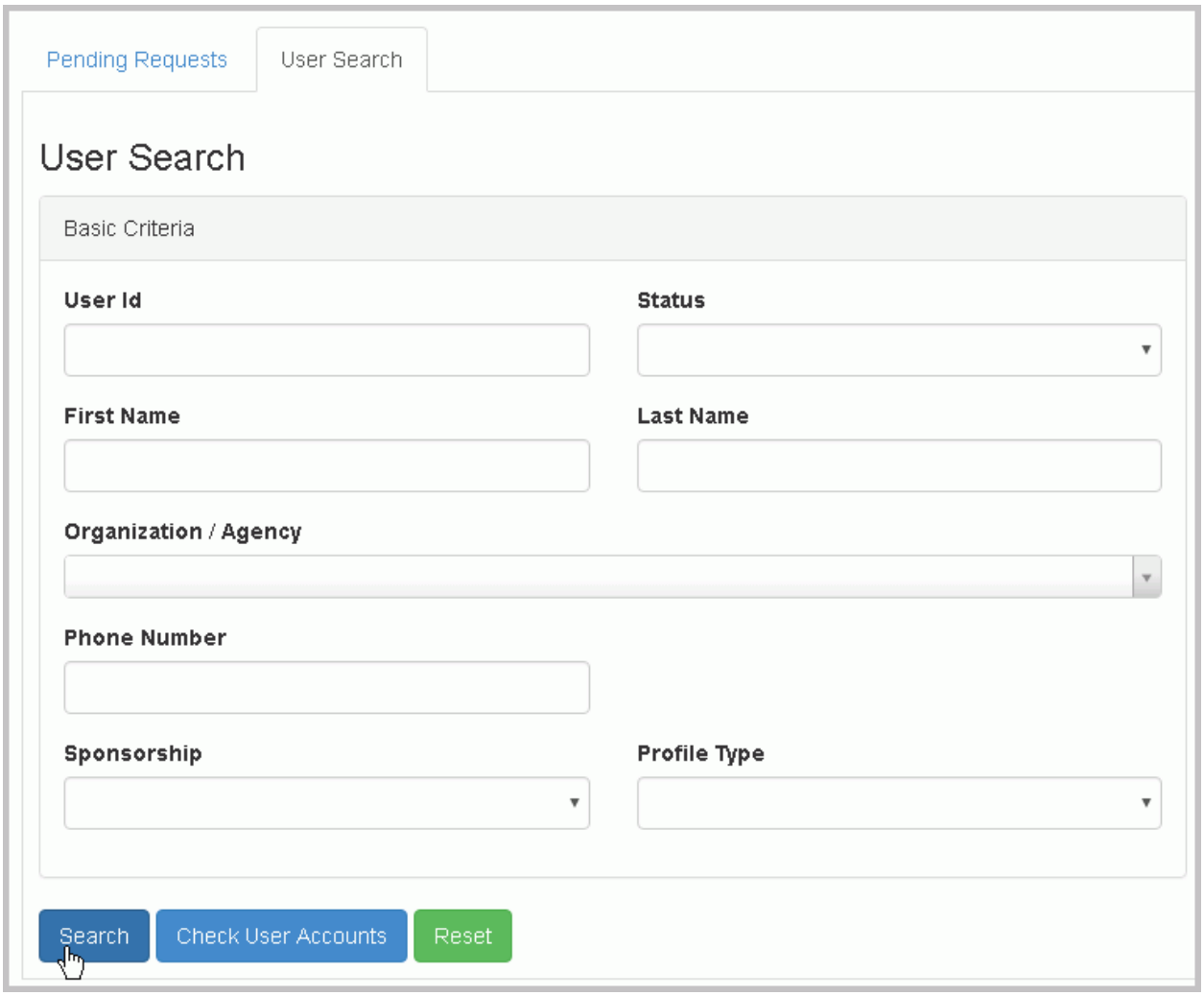


To create a note that will be associated with this User's account, click "Create a Note". A pop-up box will be displayed where you will enter the Note Type and the text of your note. There are two types of notes: 1) Internal and 2) External. Internal notes can only be seen by Administrators. External notes can be seen by any Administrator and the User associated with the account. If you do not want your notes to be seen by the User, select Internal (this is the default). Once you have entered your text, click "Save". ***Note: Currently there is no way to delete a note once it has been created.***

USER SEARCH

An Administrator can also search for specific Users using the User Search feature. The Administrator can access this feature by selecting the User Search tab from the Pending User Request screen.

SEARCH



Administrators can search for Users by User Id, Account Status, First Name, Last Name, Organization, Phone Number, Sponsorship, Profile Type or any combination of these criteria. The User Id, First Name, Last Name, and Phone Number searches will look for the string provided **anywhere** within the specified field. For example, specifying a search of 'IAN' in the first name could find values of 'IAN', 'Brian', 'BRIANNA', 'diane', and 'DiAnA'. ***Note: The search is not case-sensitive.*** The Status, Organization, Sponsorship, and Profile Type searches require

that you select a search value from the drop-down lists provided. Future versions will also allow the Administrator to search by Module and Permission Level.

If the Administrator provides search criteria for more than one item, the search will return all Users that match **all** of the criteria provided. For example, if the Administrator provides criteria for both the Status and the Organization, the search will return all Users that match BOTH the Status and Organization selected. Users who match only the Status or the Organization will NOT be returned in the results.

If the Administrator selects a "Region" value for the Sponsorship, the search results will return all Users that match that Sponsorship as well as Users whose State belongs to that Region. For example, if the Administrator selects Region 7 as the Sponsorship, the results will return all Users whose Sponsorship is Region 7, as well as all Users with a Sponsorship of Kansas, Iowa, Missouri, or Nebraska. The results can then be sorted to see the Users belonging to each Sponsor.

To erase the search criteria, click the “Reset” button. Once all of the search criteria has been provided, click either the “Search” button or the “Check User Accounts” button. ***Note: The "Check User Accounts" button is available to User Maintenance Administrators only.***

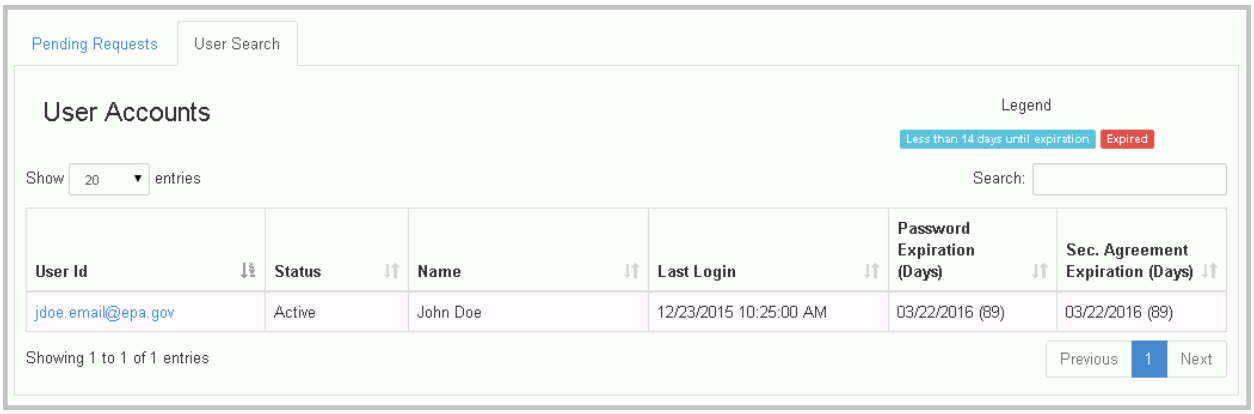
USER SEARCH RESULTS

When you click the “Search” button, the results will show the User Id, Name (first and last), Organization, the date/timestamp that the User last logged into the system (Last Login), Profile Type (indicating if the User is a RCRAInfo User or a RCRAInfo Industry User), and Sponsor. The first 10 results are displayed and are initially sorted in ascending order by User Id, but may also be sorted by Name, Organization, and Last Login in either ascending or descending order by clicking the up or down arrow next to the appropriate column. You can change the number of results displayed by selecting a value from the “Show entries” drop-down list. You may page through the results by using the “Previous” and “Next” buttons as appropriate.

You may further refine your search by specifying a search string in the Search box. This search is limited to the Users **already** in the results set. This search is conducted across all columns. For example, if you put ‘RON’ in the Search box, it will return all Users in the results set that

have the string 'RON' anywhere within the Email, Name, or Organization (i.e., an email of 'ronald.reagan@epa.gov', a last name of 'bronson', and/or an organization of 'maryland department of environment'). Again, this subsequent search is not case-sensitive.

USER ACCOUNTS



When you click the "Check User Accounts" button, the results will show the User Id, Status, Name (first and last), the date/timestamp that the User last logged into the system (Last Login), the number of days until their password expires (Password Expiration), and the number of days until their security agreement expires (Sec. Agreement Expiration). ***Note: This button is available to User Maintenance Administrators only.*** The results are color-coded to highlight users whose security agreement and/or password has expired or is about to expire. The first 20 results are displayed and are initially sorted in ascending order by User Id, but may also be sorted by Status, Name, Last Login, Password Expiration, and Security Agreement in either ascending or descending order by clicking the up or down arrow next to the appropriate column. You can change the number of results displayed by selecting a value from the "Show entries" drop-down list. You may page through the results by using the "Previous" and "Next" buttons as appropriate.

You may further refine your search by specifying a search string in the Search box. This functions in the same manner as for the User Search Results above.

Settings

MODULE CONFIGURATION

Some States have requested the ability to require fields that are not required nationally and other customization. An example of this is the Responsible Person and Suborganization fields in the CM&E, Permitting, and Corrective Action modules. To set the module specific configurations for your entity (State and/or Region), click "Settings" from the main menu then select "Module Configuration". The CM&E tab will be selected by default for the Entity associated with your account sponsor.

The permissions needed to configure module specific settings are indicated below. ***Note: No permissions are needed to view the configuration of any entity.***

Module	Permission / Level
CM&E	CM&E / Administrator
Permitting (currently not available)	Permitting / Administrator
Corrective Action (currently not available)	Corrective Action / Administrator
Financial Assurance (currently not available)	Financial Assurance / Administrator

Click the tab of the Module you wish to configure. The screen will display the current module configuration for the default Entity. To select a different Entity, choose the appropriate entity from the drop-down list.

CM&E MODULE

The CM&E Module allows the administrator to indicate whether the Responsible Person and/or Suborganization fields are required for their entity. By default, these fields will be set to "Optional", meaning that they are not required fields for this entity. To make one or more of these fields required, select "Required" from the drop-down list next to the appropriate field. ***Note: A status of "Required" means that a value must be provided for that field, regardless of how the data is provided (data entry or translation).*** To save any revisions made to the configuration for this module, click the "Save Changes" button.

STATE PARTICIPATION

Some features and functionality within RCRAInfo requires the State to indicate that they participate in those features and/or functions. Several of these instances (i.e., Subpart K, Hazardous Secondary Material, Episodic Generator, Consolidated LQG, and Subpart P, etc.) rely on the State to adopt specific rules. Others (myRCRAId, Biennial Report, e-Manifest, etc.) indicate the manner by which regulated sites may send RCRA information to their regulator (i.e., State or Region). In either case, a State may "opt-in" to these features and/or functions by clicking "Settings" from the Main header menu, then selecting "State Participation".

Currently, the features and/or functions that require the State to indicate their participation are listed below with the permissions that are needed to indicate the State's participation level.

Feature / Function	Permission / Level
HSM (Hazardous Secondary Material)	Handler / Administrator
Subpart K	Handler / Administrator
LQG Closure	Handler / Administrator
LQG Consolidation	Handler / Administrator
Episodic Generation	Handler / Administrator
Subpart P	Handler / Administrator
myRCRAId	myRCRAId Maintenance / Active
Biennial Report	Biennial Report Maintenance / Active
Emergency Site ID	Handler / Administrator
Translation	API Manager / Active

Click the tab of the Feature / Function you wish to opt into (or out of). ***Note: The feature/functions associated with the Handler Module (i.e., HSM, Subpart K, LQG Closure, LQG Consolidation, Episodic Generation, and Subpart P) are located under the Handler tab.*** The screen will display the States, by Region, that have opted into that particular feature / function and the States, by Region, that are not participating in that particular feature / function. Additionally, you may click the "View on Map" link in the upper right-hand corner to see a map of the States that are participating.

On the grid, the States for which you have the proper permissions for the selected feature / function will appear as a blue link. Click the link to opt in or opt out of the selected feature / function as appropriate. To opt in, click "Opt In" after selecting your State. Similarly, to opt out, click "Opt Out" after selecting your State.

If you opt into RCRAInfo Industry Application features or functions (i.e., myRCRAId or Biennial Report), the Electronic Signature Agreement Mailing Address will be displayed. This mailing address indicates where a industry user should send their Electronic Signature Agreement if they elect to complete the paper identity proofing process rather than the electronic identity proofing process. You may revise the information presented as needed and appropriate.

MYRCRAID SETTINGS

If you opt into myRCRAId, there are additional settings that you may opt into to tailor the submissions to your specific needs. You will be prompted to specify these settings when you first opt in. All settings are defaulted to "disabled". You may change these settings from the myRCRAid tab on the State Participation page at any time, by clicking your State, then selecting "Settings".

STATE ACTIVITIES SETTING

The State Activities setting allows the Industry User to specify state-defined activities in which their site engages. If you enable this setting, all active State Activities defined by your State that have the Industry App flag set to "Yes" will be displayed in Section 11.D of the myRCRAId source record and the Industry User may indicate, as appropriate, the activities in which their site engages. ***Note: The State Activities will default to the values in the current source record within RCRAInfo that is an allowed value(s) for the industry application. That is, If the current source record within RCRAInfo indicates that this site currently engages in one or more State Activities, those activities that are allowed values within the industry application will be marked as "Yes" in the myRCRAId source record.***

STATE GENERATOR STATUS SETTING

The State Generator Status setting allows the Industry User to choose the State Generator Status appropriate for their site. If you enable this setting, all active State Generator Statuses defined by your State that have the Industry App flag set to "Yes" will be displayed in Section 10.A.1 of the myRCRAId source record and the Industry User MUST select the appropriate status. ***Note: The status will default to the value in the current source record within RCRAInfo if that value is an allowed value for the industry application.*** It is very important when you enable this setting that your State has at least one active State Generator Status that is visible to the user community (i.e., the Industry App flag is set to Yes). Go to Tools / Lookup Maintenance from the main menu to enable the appropriate State Generator Statuses.

REQUIRE MORE OWNER/OPERATOR INFORMATION SETTING

The Require More Owner/Operator Information setting mandates that the Industry User provide additional information related to the owner and operator of their site. If you enable this setting, in addition to the Name, Type, and Address which are always required, the Owner/Operator Phone, Email, and Date Became Current will also be required.

SOURCE T SETTING

The Source T setting allows the Regulatory User to change the source type received from the Industry User's myRCRAId submission to a "T" source, if appropriate. If you enable this setting, you will be allowed to change the Source Type when you review and approve the myRCRAid submission. This setting does NOT affect the source types (i.e., reason for submittal) that the Industry User sees.

TRANSLATION SETTINGS

If you opt into translation, there is additional information that you must provide. First, you must indicate which modules you are translating by moving the slider box for the appropriate module or modules from "No" to "Yes". Next, you will be prompted to provide the State contact information (including name, email address and telephone number) of the individual who can answer questions or address issues regarding a State's translation or translation process.

STATE CONTACT MAINTENANCE

The RCRAInfo public web site, RCRAInfo Web, contains a contact list to inform industry users on whom to contact to obtain assistance in completing the Notification of Regulated Waste Activity, RCRA Hazardous Waste Part A Permit Application, or the Hazardous Waste Report (Biennial Report). In addition, the contact list indicates if a State has reporting requirements in addition to those shown in the Federal booklet and/or if a State allows for electronic reporting using myRCRAid and/or Biennial Report.

From the Main Menu, click "Settings" and "State Contact Maintenance". The page will display the Address, Forms, and Contact information associated with each State. The "pencil" icon in the Action column indicates that you can revise the information for that State. ***Note: The user must have the User Maintenance / Active permission for the State in order to revise the information.***

Once you click the "pencil" icon, the page will display the Address, Forms, and Contact information as it currently exists. You may add, change, or delete information as appropriate. You may use the interface provided to format (i.e., font, font size, bold, italic, etc.) the information as you see fit and to insert or remove links as needed. Once the information is complete and correct, click the "Save" button at the bottom of the page. The information saved will be used to populate the State Contact List within RCRAInfo Web.

Multi-Site Maintenance

COMMITMENTS MAINTENANCE

The Commitments multi-site maintenance utility allows users to add, update, or delete commitments associated with the CM&E Module. The user must have Add/Update, Delete, or Administrator permissions for the CM&E Module for the entity (State or Region) for which the commitments are associated. ***Note: This utility cannot be used to link a commitment to an evaluation. See Add or Update Evaluation to link a commitment to an evaluation.*** To access the Commitment Maintenance utility, click "Tools" from the main header bar, select "Multi-Site Maintenance", then click the "Commitments" tab. The existing commitments, if any, associated with your entity (or entities) will be displayed showing the Commitment Lead, Handler ID, Activity Location, Federal Fiscal Year, Start and End Date, and Commitment Type. It also indicates if the commitment is linked to an evaluation.

CREATE COMMITMENTS

To create a commitment, click the "Create Commitments" button. A pop-up window will be displayed prompting you to select the Commitment Lead, Activity Location, Commitment Type, and the Number of Commitments to create. You must also provide the Federal Fiscal Year and/or a Start and End Date for the commitments. Optionally, you may provide comments associated with the commitments. Click the "Save Changes" button to create the commitments. The newly created commitments will be displayed on the commitment maintenance screen. If you want to make revisions or assign a specific handler to a commitment, see the Update Commitments section below.

UPDATE COMMITMENTS

To update a commitment, including assigning a specific handler to a commitment, click the "pencil" icon next to the commitment of interest. The Commitment Lead, Activity Location, and Commitment Type cannot be updated once the commitment is created. You can modify, as appropriate, the Handler ID, Federal Fiscal Year, Start Date, End Date, and Comments. Click the "Save Changes" button to save your revisions.

DELETE COMMITMENTS

To delete a commitment, click the "X" icon next to the commitment of interest. A pop-up window confirming the deletion will be displayed. If you click the "Continue" button, the commitment will be deleted and the link to any evaluation, if applicable, will also be deleted.

CONSENT AGREEMENTS / FINAL ORDERS (CA/FO) MAINTENANCE

The Consent Agreements / Final Orders (CA/FOs) multi-site maintenance utility allows users to add, update, or delete multi-site CA/FOs associated with the CM&E Module. The user must have Add/Update, Delete, or Administrator permissions for the CM&E Module for the Lead Agency (State or Region) defining the CA/FO. ***Note: This utility cannot be used to link a CA/FO to an enforcement action. See Add or Update Enforcement Action to link a CA/FO to an enforcement action.*** To access the CA/FO Maintenance utility, click "Tools" from the main header bar, select "Multi-Site Maintenance", then click the "CAFOs" tab. The existing CA/FOs will be displayed showing the Sequence Number, Lead Agency, Respondent Name, and Comments. It also indicates if the commitment is linked to an enforcement action.

CREATE CA/FOS

To create a CA/FO, click the "Create New CAFO" button. A pop-up window will be displayed prompting you to select the Lead Agency and provide the Respondent Name. Optionally, you may provide comments associated with the CA/FO. Click the "Save Changes" button to create the CA/FO. The newly created CA/FO will be displayed on the CA/FO maintenance screen. If you want to make revisions to the CA/FO, see the Update CA/FO section below.

UPDATE CA/FOS

To update a CA/FO, click the "pencil" icon next to the CA/FO of interest. The Sequence Number and Lead Agency cannot be updated once the CA/FO is created. You can modify, as appropriate, the Respondent Name and Comments. Click the "Save Changes" button to save your revisions.

DELETE CA/FOS

To delete a CA/FO, click the "X" icon next to the CA/FO of interest. A pop-up window confirming the deletion will be displayed. If you click the "Continue" button, the CA/FO will be deleted and the link to any enforcement actions, if applicable, will also be deleted.

Utilities

BATCH ID GENERATION

The Batch ID Generation utility allows users to generate a batch of EPA Ids at once. The user must have Administrator permissions for the Handler Module for the State for which the Ids are to be generated.

To generate these Ids, click "Tools" from the main header bar, then select "Utilities". If the "Batch ID Generation" tab is not selected, select it now. If the user has Administrator permissions for the Handler Module for more than one State, then select the appropriate State for which to generate Ids, from the drop-down list provided. If you only have permissions for one State, that State will automatically be selected for you. The third character will default to the value associated with your State but may be changed to any alphanumeric value. Specify the number of Ids you wish to generate from the drop-down list provided. Once you have provided all three pieces of information, click the "Generate" button.

The Ids generated will be displayed on the screen. You may save the Ids generated by one or more of the following manner:

- **Copy** - Copies the list of the Ids to your clipboard that you can paste into a document (Word, text file, etc.) of your choice.
- **CSV** - Creates a comma-separated values (CSV) file titled "RCRAInfo Batch ID. Generation.csv" that can be imported into Excel, a text editor, or other programs.
- **Excel** - Creates an Excel spreadsheet titled "RCRAInfo Batch ID Generation.xlsx".
- **PDF** - Creates a portable document format (PDF) file titled "RCRAInfo Batch ID Generation.pdf" which captures the Ids as an image.
- **Print** - Opens the browsers print dialog to send the Ids to the specified printer.

HANDLER MERGE

The Handler Merge Utility provides users the opportunity to move data (handler, permitting, corrective action, CM&E, financial assurance, GIS, and biennial report) from one handler to another. This function is necessary because:

- A handler was assigned two different handler Id's, or
- A handler Id was entered incorrectly into RCRAInfo.

The user must have Administrator permissions for the Handler Module for the State in which the handler is associated.

To conduct a Handler Merge, click "Tools" from the main header bar, then select "Utilities". If the "Handler Merge" tab is not selected, select it now. The user must enter the Old Handler Id, the New Handler Id, and Notes describing why the data is being consolidated. To ensure valid input values, the user must understand and follow these basic rules:

- The old and new Handler Id's must be within the same State and must be different Id's;
- The old Handler Id must exist in RCRAInfo;
- The old Handler Id CANNOT be associated with a RCRAInfo Industry Application user;
- The new Handler Id may or may not exist in RCRAInfo;
- The new Handler Id must be at least four characters and no more than twelve characters long with the first two characters being the valid State postal code.

Click the "Merge" button. A modal will confirm that you want to merge the two handler's specified. Click the "Merge" button to continue, or the "Cancel" button to abort the merge process.

BATCH INACTIVATION

The Batch Inactivation utility creates an "I" source record for each id provided with the intent to set all of the regulatory activities to "No", thus inactivating the id. The user must have Administrator permissions for the Handler Module for the State for which the Ids are to be inactivated.

To inactivate one or more ids, click "Tools" from the main header bar, select "Utilities", then click the "Batch Inactivation" tab. You may enter the handlers to be inactivated manually or cut and paste the Ids from another document such as an Excel spreadsheet or the results from a BARRT query. A maximum of 100 handlers may be inactivated at one time. Once you have provided all of the ids to inactivate, click the "Inactivate IDs" button. You must then provide the Receive Date and State Generator Status and optionally provide Internal Comments. The Internal Comments value defaults to "Inactivated by implementer". This data will be used to populate the "I" source record. ***Note: The Receive Date, State Generator Status, and Internal Comments values must be the same for all of the Ids provided. If this information differs for the various ids provided, you must run multiple inactivation transactions to set these values appropriately for each set of ids.***

The list of handlers to be inactivated will be displayed showing the Handler ID, Site Name, and Location Address. Click the "X" in the Action column to remove a site from this list.

If a handler meets one of the following conditions, it cannot be inactivated using this utility:

- The handler is currently opted into Subpart K
- The handler is currently is a manager of Hazardous Secondary Material (HSM)
- The handler does not exist within RCRAInfo
- The handler has a draft handler source record

Handlers meeting any of these conditions will be listed separately so that you will know that the utility did not inactivate these handlers. Click the "Submit" button to initiate the inactivation process. An "I" source record will be created with the Receive Date, State Generator Status, and Internal Comments provided. The Site Location, Extract to Public Flag, Site Land Type, and NAICS will be populated using the information from the most recent source record within RCRAInfo if the information exists. Finally, all of the regulatory activities in Section 10, 11, and 17 with the exception of 11.D (Subpart P - Hazardous Waste Pharmaceuticals) will be set to "No". ***Note: If the most recent source record within RCRAInfo contains additional information such as Mailing Address, Contact Information, etc., this information will NOT be included in the "I" source record created.*** An email will be sent to you once the "I" source records have been successfully created for all of the Ids specified. ***Note: Depending on the number of ids provided, it may take several minutes for all of the "I" source records to be created.***

Note: If a handler provided for inactivation is in the TSD List (lu_tsdf) or Transporter List (lu_transporter) used for electronic manifests, the "I" source record will be created and the handler will be inactivated, however, the Id will NOT be inactivated from either of those lists. To remove a handler from those lists, you must inactivate them using the Lookup Maintenance tool.

TRANSLATION / API MAINTENANCE

RCRAInfo allows implementers (States and/or Regions) to translate data from their implementer-specific systems into RCRAInfo in lieu of direct data entry. To monitor the timeliness of these submissions and to assist the user community in determining other States that are performing similar translation, an overview is provided in a map-format, to show which States are translating one or more modules. The map provides a legend indicating the number of days since their last translation. By hovering over a specific State, you will see the module(s) that the State is translating and the last day in which they translated each module. The State contact is also provided to answer any questions you have regarding that State's translation or translation process.

MANAGE API

The Manage API Utility allows users to generate and manage their API ID and Key needed to utilize the RCRAInfo REST Services. The user must have the API Manager permission ("Active") for at least one State in order to use this utility. To generate the API ID and Key, click "Tools" from the main header bar, then select "Translation / API Maintenance". Select the Manage API tab. Click the "Generate API ID" button. An API ID and Key will be generated. Copy the API ID and Key to a secure location for you to reference later by clicking the respective "Copy" buttons. This information will be used to authenticate your access to the RCRAInfo REST Services.

Once you close this page, the API Key will become hidden. If you lose or want to update the Key, click the "Regenerate API Key" button to obtain a new API Key.

USITS

USITS INTRODUCTION

The User Support and Issue Tracking System (USITS) provides a mechanism where users can communicate bugs, enhancements, data or software issues, and provide comments to the RCRAInfo Team.

To access the USITS feature, click "USITS" on the menu bar. The first time that you access this feature, you will receive a message indicating that a USITS account has been created for you. Although this account will have the same User ID as your RCRAInfo account, this account is NOT the same as your RCRAInfo account. An email will be sent to you with instructions on how to set your password for your USITS account. You may use the same password as your RCRAInfo account password, however, when you change your RCRAInfo account password, it will NOT automatically change your USITS account password, and vice versa.

Once you have set your password, a new browser tab will be opened and you will be taken to the RCRAInfo USITS - Help and Support home page.

NEW FEATURES

The V6 USITS contains several new features that were not available in previous versions. See the documentation below to learn about these features.

ADD COMMENTS

The V6 USITS allows you to add comments not only to tickets that you create, but also to comment and provide additional information for tickets that anyone within the RCRAInfo User Community has created. To add a comment to either your ticket or someone else's ticket, open the ticket and provide your comment in the "Add Comment" box and click the "Add" button.

ATTACH DOCUMENTS

To attach a document to a ticket, open the ticket and click the "paper clip" icon located on the right hand side of the "Add Comment" box or click the "browse" link located underneath the "Add Comment" box. The standard browser dialog to find and select a file will be presented. Click the file that you want to attach. Alternately, you can drag and drop the file into the "Add Comment" box. Click the "Add" button to attach your document.

ATTACH SCREEN IMAGE

To attach a screen image use the "Print Screen" button from your keyboard or other image capturing tool and paste (<CTRL> V) the image into the "Add Comment" box from the open ticket. Click the "Add" button to attach your screen image. Screen images are extremely helpful when software errors are encountered.

SHARE TICKET

The V6 USITS allows you to share a ticket (regardless of created the ticket) with one or more users. To share a ticket, open the ticket, click the "Share" link on the right-hand side of the pop-up window, and provide the email address (one user at a time) for the user(s) in which you want to share the ticket. Click the "Share" button to complete the process. The user(s) specified will begin receiving email notifications regarding this ticket. A user can stop getting notifications about this ticket by clicking the "Don't notify me" link.

WATCH TICKET

As with previous versions of USITS, users may elect to watch a ticket. To make this election, open the ticket of interest and click the "Get notifications" link on the right-hand side of the pop-up window. You will begin receiving emails when the status of the ticket changes or any user provides comments to the ticket. Click the "Don't notify me" link to stop receiving email notifications regarding a specific ticket.

ADD TICKET/REQUEST

The tickets/requests within USITS are grouped using the following grouping:

- Comment or Suggestion
- Data Discrepancy
- Enhancement Request
- Software Issue
- User Question

To add a ticket (request), click the appropriate grouping for your ticket. ***Note: Before adding a new ticket, please confirm that a ticket for your issue, enhancement, or comment does not already exist. Click here for instructions on how to search existing tickets.*** A pop-up window will be displayed prompting you to provide additional information for your ticket. First, select the most appropriate category for ticket. Carefully select this category so that your ticket will be assigned to the appropriate RCRAInfo Team member. For example, if you have an issue with the Site Detail Report, choose the category "Reports" rather than the category "Handler", so that the ticket may be appropriately assigned to the RCRAInfo Team member responsible for reports.

Next, provide a brief summary of the issue, enhancement, or comment. For example, "Site Detail Report is not returning correct results" or "Received error when updating a handler source record". This summary is what will appear when viewing existing tickets, so it should be brief but descriptive. Once you have entered the summary description, a list of suggested articles will be displayed using the keywords from your description. Please review these articles to see if it addresses your issue.

To continue adding your ticket, indicate in the "App Environment" field, the environment (i.e., Pre-production or Production) in which you encountered this issue.

Next, provide a detail description of your issue, enhancement, or comment. If you are entering this ticket to communicate a software issue that you encountered, please be very specific so that the RCRAInfo Team can replicate the problem and determine a solution. Information you should provide includes, but is not limited to:

- the browser you are using (Internet Explorer 11, Chrome, FireFox, etc.)
- the User ID
- the Handler ID (if appropriate)

- EXACTLY what you were doing
- the error message received

For enhancements, relevant information to provide should include:

- the specific feature / function for which you are requesting the enhancement (if the feature / function already exists)
- a detailed description of the new feature / function
- the business purpose for the request

Finally, you may attach documents to the ticket. This may include screen shots, a saved report, a PDF showing drawings of new screens or reports, or any other documents that will help the Team address your ticket. To attach a document, simply drag the file into the "Attachment" box, or click the "Browse" button and find the appropriate file(s) to attach.

By default, your ticket will be visible to the entire RCRAInfo community. This transparency is crucial so that others may see the issues encountered and enhancements requested by the user community. If also allows the user community to comment or respond to your ticket to indicate that they are also experiencing the issue, or have found a solution to the problem. However, if you do not want to share your ticket with the user community, specify to Share With "No One".

Once you have provided all of the information for your ticket, click the "Send" button at the bottom of the page. ***Note: You CANNOT change information once a ticket is created . Please verify that the information you have provided is correct before clicking the "Send" button. You can provide additional information using the "Add Comments" feature after the ticket is created.*** An email will be sent to the RCRAInfo Team member(s) assigned to the category that you specified. You will also receive an email indicating that the ticket has been created. ***Note: All tickets received are very important to the RCRAInfo Team. Tickets will be reviewed and addressed as quickly as possible.*** The status of your ticket will initially be set to "Open". You will receive an email notification every time the status of your ticket changes.

EXAMPLE DESCRIPTIONS

It is very important to provide a good description in order for the RCRAInfo Team to act upon the ticket expeditiously. Below are examples of good and helpful descriptions.

EXAMPLE 1

While I was logged in as jane.doe@us.al.gov using Chrome, I submitted a Site Detail Report for ALD000111222 from the Handler Module Quick Reports menu. The report returned four source records for the handler but did not return the source record that I had just entered (Source Type = "N", Sequence Number = "3"). See attached report. I think that this source record should have appeared on the report and do not understand why it did not.

EXAMPLE 2

I was trying to update a handler source record that I received from an industry user using myRCRAId. I selected ALD000111222 from the Pending tab from the myRCRAid Submissions screen. Next, I selected a State Generator Status (F-Same as Federal) and added two State Waste Codes (AL01 and AL02). When I clicked the "Review" button, I received the following red toast: "It appears that you have encountered a problem". My user id is jane.doe@us.al.gov and I was using Windows Internet Explorer 12.

EXAMPLE 3

On the Manifest Waste Shipment Report - Summary, I would like to be able to specify a Handler ID. This would allow me to send the report to specific TSD facilities that have requested to reconcile their manifest data.

EXAMPLE 4

I need a report that shows episodic generators. This is needed so that I can follow-up with episodic events that have occurred during the year so that inspectors can verify that the event was indeed episodic and not on-going. The report will allow the user to select a Location (state, region, or national), Handler ID, Event Type (planned, unplanned, both), and a Date Range (against the episodic start date). The report will show the Handler ID, Handler Name, Episodic Event Owner and Type, Event Description, Emergency Contact Phone (phone and extension), Emergency Contact Name (first, middle initial, and last name), Emergency Contact Email, Start Date, End Date, Waste Sequence Number, Waste Code Owner and Code, Waste Description, and Estimated Quantity. A sample report is attached.

VIEW TICKET/REQUEST

To view tickets/requests, click the "Requests" button in the upper right-hand corner of the screen. You may select to see the tickets created by you by selecting "Created by me", tickets created by anyone within the RCRAInfo community by selecting "RCRAInfo User Community", or all tickets regardless of who created them by selecting "All". By default, the open requests (i.e., requests that do not have a status of Closed or Completed) for the creator you selected will be displayed with the most recent ticket (based on the last time the ticket was created or modified) at the top of the list.

You can refine the tickets listed by providing a key word or the ticket number (ex. USITS-181) in the "Request contains" box and clicking the search icon. The search will return tickets where the key word is in the Ticket Number, Summary, Description or Comments. You may also refine the tickets listed by selecting a different status (open, closed, or all statuses), selecting who created the ticket (created by me, created by the RCRAInfo User Community, or created by anyone) or choosing tickets in which you are a participant, or specifying the ticket type (comment or suggestion, data discrepancy, enhancement request, software issue, or user question). To view a specific ticket, click the Reference (i.e., USITS-74) or the Summary link.

UPDATE TICKET/REQUEST

When you open a specific ticket/request, you will see all of the original information for the ticket including when the ticket was created, the category, the application environment in which the ticket applies, and the detailed description. You will also see the history associated with the ticket including when the status of the ticket has changed and any comments that the RCRAInfo Team or other members from the RCRAInfo User Community have provided.

TICKETS CREATED BY ME

For tickets that you created, you may provide additional comments and/or attachments at any time. You will automatically receive an email any time that the ticket status changes or someone provides additional comments to this ticket. You can stop receiving these email notifications by clicking the "Don't notify me" link on the ticket. You may also share your ticket with one or more users within the RCRAInfo User Community by clicking the "Share" link on the ticket and providing the email address of the user(s) that you wish to share this ticket with. Users that you share your ticket with will also receive email notifications when the ticket status changes or someone provides additional comments.

TICKETS CREATED BY THE USER COMMUNITY

You may provide relevant information to a ticket created by another user by opening the specific ticket/request of interest. To provide a comment, just enter your comment in the "Add a comment" box and click "Add". Helpful comments include "I encountered this same issue under these circumstances" and detail the circumstances in which you also encountered the error, or "I agree (or disagree) with this enhancement". You may also attach a document to this ticket by clicking the paper clip icon in the "Add a comment box".

If you want to receive notifications for a ticket that you did not create, open the specific ticket of interest and click the "Get notifications" link. You may also share this ticket with with one or more users within the RCRAInfo User Community by clicking the "Share" link on the ticket and providing the email address of the user(s) that you wish to share this ticket with. Users that you share the ticket with will also receive email notifications when the ticket status changes or someone provides additional comments.

TICKET/REQUEST STATUS

Below are a list of the statuses that you will see for a ticket/request. ***Note: A ticket/request will not necessarily progress through every status.***

Status	Description
Open	This is the status that your ticket will be given upon creation. This status indicates that the ticket/request has been added to the "To Do" list.
In Review	This status indicates that discussion has begun to determine what, if anything, should be done to address the ticket/request.
In Progress	This status indicates that work is currently underway to address the ticket/request.
Ready for User Testing	This status indicates that the solution to the ticket/request has been deployed to the RCRAInfo pre-production environment and is ready for user testing.
Ready for Prod	This status indicates that the solution will be deployed to the RCRAInfo production environment the next time the software is deployed.
Complete	This status indicates that the ticket/request is complete either because the issue was resolved or it was determined that the ticket will not be addressed.

Mentoring Community

MENTORING COMMUNITY INTRODUCTION

The Mentoring Community provides a forum for the user community to ask questions, get information, make comments, and talk to each other. This forum is intended to provide a platform where users can share experiences or communicate solutions to issues that other users may also be encountering. ***Note: Software bugs and issues requiring action from the RCRAInfo Team should be reported using the USITS feature.*** The commentary on this platform is intended to be polite and professional. The only dumb question is the question not asked!

To access the mentoring community, click the "Mentoring Community" link under the Links section of the RCRAInfo Home Page.

EXAMPLES

Below are examples of the type of exchanges envisioned with this tool.

EXAMPLE 1

State User 1: Our State is in the process of adopting the Hazardous Waste Generator Improvement rule, but we are confused about how the LQG Closure data should be entered into RCRAInfo. Can someone please share what they currently do?
State User 2: In our State, we require LQGs that are closing to submit a 8700-12 form (via myRCRAId) indicating that they are intending to close. Then once they close, they must submit another 8700-12 form to indicate the actual closure.
EPA HQs: The rule was intended to capture both the intention of closing and the actual closure, so the method provided by State User 2 would be correct.
State User 3: In our State, we have LQGs that notify us that they are closing, but rarely get the final notice that they actually closed. Often we send inspectors to the site to verify that it did in fact close.

EXAMPLE 2

State User 1: In our State, we would find it useful to have an e-Manifest Report that our inspectors could use. We would like it to show the manifests for a given site (either generator, transporter, or receiving facility) for the past 365 days. The manifests would be arranged by

role (i.e., would show the manifests where the site was generator first, followed by transporter manifests, and finally receiving facility manifests). Does anyone else have a need for this type of report? If so, what revisions would need to be made to meet your needs?
State User 2: We would find that report to be very helpful, but rather than having the report pull manifests from the past 365 days, we would rather be able to specify a date range, because we are often only interested in the past 6 months.
State User 3: We would also like the ability to run the report for a group of ids, and not just a single site.

EXAMPLE 3

State User 1: I am trying to translate the Episodic Generator information but have not been able to successfully do so. Has anyone else successfully translated Episodic Generator information?
State User 2: We will be translating Episodic Generator information but have tried to do so yet. If there is anything that we should know, please share.
RCRAInfo Team User: We looked to see if anyone had successfully translated Episodic Generator information and discovered that we had a bug. We have corrected the error in all environments.
State User 1: We have successfully translated Episodic Generator information.

EXAMPLE 4

State User 1: We have cruise ships that dock in ports in our State. How do other States/Regions track these "sites" in RCRAInfo?
Region User 1: In our region, we give ships an ID with an "S" in the third character so that we can easily identify them. For the location address, we use the address of the dock.

Reports

RUNNING REPORTS

This topic will show you how to run reports from within RCRAInfo. Topics include:

- Running a Report - How to find a report, provide selection criteria, and submit the report
- PDF Output - How to view report results in PDF format
- Tab-Delimited Text Output - How to obtain report results in a tab-delimited text file
- Downloading a Report - How to download report results (PDF or tab-delimited) to your computer
- Drill-down Reports - How to drill-down to another report
- Re-running a Report - How to re-run a report from a previous submission
- Deleting a Report - How to remove reports from the Report History page
- Report History - How to access report submissions

RUNNING A REPORT

To run a report within RCRAInfo, click "Reports" on the menu bar and select the module of interest. ***Note: If you do not have permissions for the PCB Module, you will not see that module listed here.*** The reports associated with that module will be displayed. This page shows the report name, the owner of the report, and a brief description of the report. Additional information for the report, including the SQL select logic, may be ascertained by clicking the question mark icon next to the report of interest.

Some modules may divide the reports into categories. For example, the Handler module reports are divided into General, HSM, and Subpart K categories. To access the report in a given category, click the tab associated with that category. Once you have found the report that you are interested in, click the report name.

A modal/pop-up will be displayed providing various selection criteria that you may specify to tailor the report to your specific needs. In order for data to appear on a report, the data must meet ALL of the criteria that you specify. Once you have specified your criteria, you may optionally provide a report title. This title is NOT displayed on the report itself, but rather, is displayed on the Report History page to assist you in easily identifying various reports that you have run. To run the report, click "Submit". The Report History page will display showing your report in the queue with a "pending" status. The report is running if you see a circular icon spinning next to the status. The status will change to "completed" once the report has finished executing. ***Note: Unlike previous versions of RCRAInfo, you do NOT need to remain on this page until the report completes. Rather, you may access other portions of RCRAInfo or close the browser completely, and return to the Report History page at a later time to see the report results.***

All reports within RCRAInfo produce a PDF file. However, some reports allow the user to specify either a PDF file or a tab-delimited text file. See the information for each type of output below.

PDF OUTPUT

A PDF of the report that you submitted will be produced if you selected an output type of "PDF", or if the report did not allow you to specify an output type. To see the report as a PDF, click the report name on the Report History page.

TAB-DELIMITED TEXT OUTPUT

If you selected an output type of "delimited text file", click the down-arrow icon to download the report results as a ".csv" file into your default download directory. To view this data in Excel, open an Excel Worksheet. Select "Data" from the main menu bar, then click "From Text". The default values for the additional prompts should be sufficient, however, you can change these values as appropriate for your needs.

DRILL-DOWN REPORTS

Some reports provide links within the PDF that allow you to "drill-down" for more information. If you click the link, the additional information (i.e., new report) will be displayed in the same window/tab as the original report. To open the new report in a new tab, right click the link and select "Open link in new tab". This will keep the original report in one tab and open the new report will in a new tab, allowing you to reference both reports at the same time.

DOWNLOADING A REPORT

The down-arrow icon allows you to download a report (either PDF or tab-delimited text) to your computer. Click the icon. The report results will be downloaded as a ".pdf" or ".csv" file into your default download directory depending on the output type.

RE-RUNNING A REPORT

The circle-arrow icon allows you to rerun a report. When you click this icon, the selection criteria modal will be displayed showing the criteria that was selected the last time that this report was run. You can re-run the report with this criteria, or you may change the criteria as desired. When you click the "Submit", a new row will be displayed on the Report History page representing the new report. You will obtain the results of this report by clicking the name of the report from this row.

DELETING A REPORT

To remove a report from your Report History page, click the "x" icon next to the report of interest. Once you click this icon, the report results associated with this report will no longer be available to you.

REPORT HISTORY

You can access the Report History page at any time by clicking "Reports" on the menu bar and selecting "Report History". From this page you can see reports that are in the queue (i.e., the status is "pending"), the results of reports that have completed executing (i.e., the status is "completed"), download report results, re-run a report, or delete a report from your history. This functionality allows you to maintain a collection of reports (both the results and the criteria used to produce the results). This can be especially useful if you have reports that you run on a weekly, monthly, or yearly basis. ***Note: Reports run from the "Quick Reports" tab within a module are not stored on the Report History page.***

The Report History page is sorted by the most recent Requested Date, but you may re-sort the reports by clicking the arrows next to the column of interest. The arrows act as a toggle between ascending order and descending order. To sort by more than one column, click the arrows next to the column for the primary sort, then, while holding down the <shift> key, click the arrows next to the column for the secondary sort.

The 20 most recent reports will be displayed. You can change the number of reports displayed on each page by selecting a value from the "Show entries" drop-down list. You can page through the reports by using the "Previous" and "Next" buttons, as well as specific page numbers at the bottom of the page.

Reports Library

Biennial Report Data Quality

BIENNIAL REPORT COMPREHENSIVE REPORT

REPORT DESCRIPTION

This report is designed to provide all information from the Biennial Report forms in a concise manner. This report should be used after identifying sites with potential problems using the Tope Generator / Manager / Shipper Receiver List reports. The user may specify the number of GM or WR forms to be reported or may specify zero (0) to omit that portion of the report. The user may also specify whether to limit the report to sites / waste streams marked for inclusion in the National Report.

The report shows the Site Identification Form information followed by the GM and/or WR Form information. If the user selects to "Order by Page Number", the selected GM forms are sorted by ascending page number followed by the selected WR forms also sorted by ascending page/sub-page number. If the user selects "Descending Order by Waste Amount", the selected GM forms are sorted by descending generation tons followed by the selected WR forms sorted by descending received tons.

View Sample Report (in PDF format)

SELECT LOGIC

This report selects all records from the Biennial Report Reporting Table where:

- meets the user-selected criteria

This report also selects all records from the Handler Table, Owner/Operator Table, NAICS Table, Other ID Table, Universal Waste Table, Waste Code Table, Hazardous Secondary Material Table, HSM Activity Table, HSM Waste Code Table, HSM Recycler Table, LQG Closure Table, and LQG Consolidation Table where:

- the Handler ID, Activity Location, Source Type, and Sequence Number from the records selected from the Biennial Report Reporting Table equals the Handler ID, Activity Location, Source Type, and Sequence Number for each table listed above

View Primary SQL (in PDF format)

SELECTION CRITERIA

Search Element	Values	Default Value	Required
BR Cycle	List of report cycles,	Null	Yes

	2001 to current		
Handler ID	User specified	Null	Yes
Number of GM Forms	User specified	10	Yes
Number of WR Forms	User specified	0	Yes
GM and WR Form Sort Order	• Order by Page Number • Descending Order by Waste Amount	Descending Order by Waste Amount	Yes
Include Notes	• Yes • No	No	Yes

REPORT HEADINGS

Note: headings in parentheses ( ) are implied and do not appear on the report.

Site Identification Information

Heading	Data Source
(Site Name)	BR_REPORTING.HANDLER_NAME
(EPA ID)	BR_REPORTING.HANDLER_ID
Source	BR_REPORTING.SOURCE_TYPE
Seq	BR_REPORTING.SEQ_NUMBER
Include in National Report	HHANDLER5.INCLUDE_IN_NATIONAL_REPORT
County	HHANDLER5.COUNTY_NAME
Land Type	HHANDLER5.LAND_TYPE
Location Address	HHANDLER5.LOCATION_STREET_NO* HHANDLER5.LOCATION_STREET1 HHANDLER5.LOCATION_STREET2* HHANDLER5.LOCATION_CITY HHANDLER5.LOCATION_STATE HHANDLER5.LOCATION_ZIP HHANDLER5.LOCATION_COUNTRY
Mailing Address	HHANDLER5.MAIL_STREET_NO* HHANDLER5.MAIL_STREET1 HHANDLER5.MAIL_STREET2* HHANDLER5.MAIL_CITY HHANDLER5.MAIL_STATE HHANDLER5.MAIL_ZIP HHANDLER5.MAIL_COUNTRY
Contact Person	HHANDLER5.CONTACT_FIRST_NAME* HHANDLER5.CONTACT_MIDDLE_INITIAL* HHANDLER5.CONTACT_LAST_NAME*

	HHANDLER5.CONTACT_TITLE* HHANDLER5.CONTACT_PHONE* HHANDLER5.CONTACT_PHONE_EXT*
Contact Address	HHANDLER5.CONTACT_STREET_NO* HHANDLER5.CONTACT_STREET1* HHANDLER5.CONTACT_STREET2* HHANDLER5.CONTACT_CITY* HHANDLER5.CONTACT_STATE* HHANDLER5.CONTACT_ZIP* HHANDLER5.CONTACT_COUNTRY*
Certifying Person	HCERTIFICATION5.CERT_FIRST_NAME HCERTIFICATION5.CERT_MIDDLE_INITIAL HCERTIFICATION5.CERT_LAST_NAME HCERTIFICATION5.CERT_TITLE HCERTIFICATION5.CERT_EMAIL*
Date	HCERTIFICATION5.CERT_SIGNED_DATE
(Owner/Operator Information)* *Owner (current)* *Owner (previous)* *Operator (current)* *Operator (previous)*	HOWNER_OPERATOR5.OWNER_OPERATOR_NAME HOWNER_OPERATOR5.DATE_BECAME_CURRENT HOWNER_OPERATOR5.DATE_ENDED_CURRENT* HOWNER_OPERATOR5.STREET_NO* HOWNER_OPERATOR5.STREET1* HOWNER_OPERATOR5.STREET2* HOWNER_OPERATOR5.CITY* HOWNER_OPERATOR5.STATE* HOWNER_OPERATOR5.ZIP* HOWNER_OPERATOR5.COUNTRY* HOWNER_OPERATOR5.OWNER_OPERATOR_TYPE HOWNER_OPERATOR5.PHONE HOWNER_OPERATOR5.PHONE_EXT HOWNER_OPERATOR5.EMAIL HOWNER_OPERATOR5.NOTES
NAICS Codes*	HNAICS5.NAICS_CODE
Hazardous Waste Generator Status	HHANDLER5.FED_WASTE_GENERATOR HHANDLER5.STATE_WASTE_GENERATOR
Short Term Generator	HHANDLER5.SHORT_TERM_GENERATOR
Mixed Waste Generator	HHANDLER5.MIXED_WASTE_GENERATOR
TSD Activity	HHANDLER5.TSD_ACTIVITY
Off-Site Receipt	HHANDLER5.OFF_SITE_RECEIPT
Recycler (stores prior to recycling)	HHANDLER5.RECYCLER_ACTIVITY
Recycler (no storage prior to recycling)	HHANDLER5.RECYCLER_ACTIVITY_NONSTORAGE
Small Quantity On-site Burner Exemption	HHANDLER5.ONSITE_BURNER_EXEMPTION
Smelting, Melting, Refining Furnace Exemption	HHANDLER5.FURNACE_EXEMPTION
EPA Waste Codes	HWASTE_CODE5.WASTE_CODE Where WASTE_CODE_OWNER = 'HQ'

State Waste Codes	HWASTE_CODE5.WASTE_CODE Where WASTE_CODE_OWNER <> 'HQ'
Transporter	HHANDLER5.TRANSPORTER
Transfer Facility	HHANDLER5.TRANSFER_FACILITY
Underground Injection Control	HHANDLER5.UNDERGROUND_INJECTION_ACTIVITY
Importer Activity	HHANDLER5.IMPORTER_ACTIVITY
Recognized Trader - Importer	HHANDLER5.RECOGNIZED_TRADER_IMPORTER
Recognized Trader - Exporter	HHANDLER5.RECOGNIZED_TRADER_EXPORTER
Spent Lead Acid Battery - Importer	HHANDLER5.SLAB_IMPORTER
Spent Lead Acid Battery - Exporter	HHANDLER5.SLAB_EXPORTER
(Universal Waste) Description*	HUNIVERSAL_WASTE5.UNIVERSAL_WASTE_TYPE
Accumulated/Mngd*	HUNIVERSAL_WASTE5.ACCUMULATED
Generated*	HUNIVERSAL_WASTE5.GENERATED
Destination Facility for Universal Waste	HHANDLER5.UNIVERSAL_WASTE_DEST_FACILITY
(Used Oil) Transporter	HHANDLER5.USED_OIL_TRANSPORTER
(Used Oil) Transfer Facility	HHANDLER5.USED_OIL_TRANSFER_FACILITY
(Used Oil) Processor	HHANDLER5.USED_OIL_PROCESSOR
(Used Oil) Refiner	HHANDLER5.USED_OIL_REFINER
(Used Oil) Off-Specification Used Oil Burner	HHANDLER5.USED_OIL_FUEL_BURNER
(Used Oil) Marketer Who Directs Shipment Off-Specification Used Oil to Off-Specification Used Oil Burner	HHANDLER5.USED_OIL_MARKET_BURNER
(Used Oil) Marketer Who First Claims the Used Oil Meets the Specifications	HHANDLER5.USED_OIL SPEC_MARKETER
(Subpart P) Healthcare Facility*	HHANDLER5.SUBPART_P_HEALTHCARE
(Subpart P) Reverse Distributor*	HHANDLER5.SUBPART_P_REVERSE_DISTRIBUTOR
(Subpart P) Withdrawal*	HHANDLER5.SUBPART_P_WITHDRAWAL
(Subpart K) College/University*	HHANDLER5.SUBPART_K_COLLEGE
(Subpart K) Teaching Hospital*	HHANDLER5.SUBPART_K_HOSPITAL
(Subpart K) Non-profit Research Institute*	HHANDLER5.SUBPART_K_NONPROFIT
(Subpart K) Withdrawal	HHANDLER5.SUBPART_K_WITHDRAWAL
GM Forms	
GM Page	BGM_BASIC.HZ_PG
(Waste Desription)	BGM_BASIC.DESCRIPTION
EPA Waste Codes	BGM_WASTE_CODE.WASTE_CODE Where WASTE_CODE_OWNER = 'HQ'
State Waste Codes	BGM_WASTE_CODE.WASTE_CODE Wherre WASTE_CODE_OWNER <> 'HQ'
Notes*	BGM_BASIC.NOTES*
Source	BGM_BASIC.SOURCE_CODE

Management Method*	BGM_BASIC.MANAGEMENT_METHOD*
Form	BGM_BASIC.FORM_CODE
Waste Min	BGM_BASIC.WASTE_MIN_CODE
Qty Generated (tons)	BGM_BASIC.GENERATION_TONS_CALC
Qty Generated	BGM_BASIC.GEN_QTY BGM_BASIC.UNIT_OF_MEASURE BGM_BASIC.WST_DENSITY* BGM_BASIC.DENSITY_UNIT_OF_MEASURE*
Generation Included in NBR	*Calculated; see Primary SQL*
On-Site Management	
Seq. No.	BGM_ONSITE_TREATMENT.SYS_PG_NUM_SEQ
Qty Managed (tons)	BGM_ONSITE_TREATMENT.MANAGED_TONS_CALC
Qty Managed	BGM_ONSITE_TREATMENT.SYS_TDR_QTY
Management Method	BGM_ONSITE_TREATMENT.MANAGEMENT_METHOD
Management Included in NBR	*Calculated; see Primary SQL*
Off-Site Shipment	
Seq. No.	BGM_OFFSITE_SHIPMENT.IO_PG_NUM_SEQ
EPA ID	BGM_OFFSITE_SHIPMENT.IO_TDR_ID
Qty Shipped (tons)	BGM_OFFSITE_SHIPMENT.SHIPPED_TONS_CALC
Qty Shipped	BGM_OFFSITE_SHIPMENT.IO_TDR_QTY
Management Method	BGM_OFFSITE_SHIPMENT.MANAGEMENT_METHOD
Shipment Included in NBR	*Calculated; see Primary SQL*
WR Forms	
WR Page	BWR_BASIC.HZ_PG BWR_BASIC.SUB_PG_NUM
Off-site Handler EPA ID	BWR_BASIC.IO_TDR_ID
Off-site Handler Name	HBASIC.HANDLER_NAME
(Waste Description)	BWR_BASIC.DESCRIPTION
EPA Waste Codes	BWR_WASTE_CODE.WASTE_CODE Where WASTE_CODE_OWNER = 'HQ'
State Waste Codes	BWR_WASTE_CODE.WASTE_CODE Where WASTE_CODE_OWNER <> 'HQ'
Notes*	BWR_BASIC.NOTES*
Mgmt Method	BWR_BASIC.MANAGEMENT_METHOD
Form	BWR_BASIC.FORM_CODE
Qty Received (tons)	BWR_BASIC.RECEIVED_TONS_CALC
Qty Received	BWR_BASIC.IO_TDR_QTY BWR_BASIC.UNIT_OF_MEASURE BWR_BASIC.WST_DENSITY* BWR_BASIC.DENSITY_UNIT_OF_MEASURE*

Receipt Included in NBR	*Calculated; see Primary SQL*

*Will not be displayed on the report if data does not exist for that data element.

FACILITIES SUBMITTING BR DATA THAT ARE NOT IN RCRAINFO REPORT

REPORT DESCRIPTION

This report shows facilities that are in the current Biennial Report submission that do not currently exist in RCRAInfo. The report can be used to identify initial notifications or facilities that have not properly obtained an EPA ID number.

View Sample Report (in PDF format)

SELECT LOGIC

This report selects all records from the Handler Table where:

- Site has submitted BR data for the current cycle
- site does not have any other source records
- meets the user-selected criteria

View Primary SQL (in PDF format)

SELECTION CRITERIA

Search Element	Values	Default Value	Required
Location	List of States, Regions, and National	Your Profile State	Yes

REPORT HEADINGS

Note: headings in parentheses ( ) are implied and do not appear on the report.

Heading	Data Source
(State)	BR_REPORTING.STATE
Region	BR_REPORTING.REGION
(Handler ID)	BR_REPORTING.HANDLER_ID
(Handler Name)	BR_REPORTING.HANDLER_NAME
Source Type	BR_REPORTING.SOURCE_TYPE
Received Date	HHANDLER5.RECEIVE_DATE
TSD Activity	HHANDLER5.TSD_ACTIVITY
Federal Generator Status	HHANDLER5.FED_WASTE_GENERATOR

State Generator Status	HHANDLER5.STATE_WASTE_GENERATOR
Location Address	BR_REPORTING.LOCATION_STREET_NO BR_REPORTING.LOCATION_STREET1 BR_REPORTING.LOCATION_STREET2 BR_REPORTING.LOCATION_CITY BR_REPORTING.LOCATION_STATE BR_REPORTING.LOCATION_ZIP
Contact Information	HHANDLER5.CONTACT_FIRST_NAME HHANDLER5.CONTACT_MIDDLE_INITIAL HHANDLER5CONTACT_LAST_NAME HHANDLER5.CONTACT_PHONE HHANDLER5.CONTACT_PHONE_EXT HHANDLER5.CONTACT_EMAIL_ADDRESS

GENERATOR STATUS REPORT

REPORT DESCRIPTION

This report is designed to identify sites whose generator status and total generation amount do not coincide with each other. This report includes information where the site was included in the National Biennial Report for the selected report cycle year, and either the handler was reported to be an LQG but the calculated generator status does not meet the thresholds of a Large Quantity Generator, or the handler was reported to be other than an LQG and the calculated generator status meets one or more of the thresholds of a Large Quantity Generator.

View Sample Report (in PDF format)

SELECT LOGIC

This report selects all records from the Biennial Report Reporting Table where:

- Site is marked for inclusion in the National Report generator total
- meets the user-selected criteria

Join the Handler Table on Handler ID, Activity Location, Source Type, and Sequence Number where:

- meets one of the following:
  - the federal generator status is '1' (Large Quantity Generator) and the total acute generation < .001 tons or the total spill generation < .11 tons or the total non-acute generation < 1.1 tons
  - the federal generator status does not equal '1' (it is not a Large Quantity Generator) and the total acute generation > .012 tons or the total spill generation > 1.32 tons or the total non-acute generation > 13.2 tons

View Primary SQL (in PDF format)

SELECTION CRITERIA

Search Element	Values	Default Value	Required
Location	List of States	Your Profile State	Yes
BR Cycle	List of report cycles, 2001 to current	Null	Yes

REPORT HEADINGS

Heading	Data Source
EPA ID	BR_REPORTING.HANDLER_ID
Site Name	HHANDLER5.HANDLER_NAME
City	HHANDLER5.LOCATION_CITY
<year> Reported Status	HHANDLER5.FED_WASTE_GENERATOR
Current RCRAInfo Status	HREPORT_UNIV5.GENSTATUS
Total Gen. (tons)	SUM (BR_REPORTING.GENERATION_TONS)
Total Acute Gen. (tons)	SUM (BR_REPORTING.GENERATION_TONS) where ACUTE_NONACUTE_STATUS = 'A'
Total Spill Gen. (tons)	SUM (BR_REPORTING.GENERATION_TONS) where ACUTE_NONACUTE_STATUS = 'S'

HANDLERS WHOSE NAME OR ADDRESS HAVE CHANGED REPORT

REPORT DESCRIPTION

This report shows sites whose name, address, and/or county code has changed with the most recent Biennial Report submission. The user can specify to see only handler name changes, only address changes, or both.

View Sample Report (in PDF format)

SELECT LOGIC

This report selects all records from the Handler Table where:

- Current information is from the most recent Biennial Report cycle
- meets the user-selected criteria
- meets one of the following:
  - handler name does not equal the handler name of the previous source record
  - location address does not equal the location address of the previous source record
  - county code does not equal the county code of the previous source record

View Primary SQL (in PDF format)

SELECTION CRITERIA

Search Element	Values	Default Value	Required
Location	List of States	Your Profile State	Yes
Report Option	• Handler Name Change Only • Address Change Only • Handler Name and Address Change	Handler Name Change Only	Yes

REPORT HEADINGS

Heading	Data Source
Handler ID	HHANDLER5..HANDLER_ID
Current Source	
Source Type	HHANDLER5.SOURCE_TYPE

Receive Date	HHANDLER5.RECEIVE_DATE
Handler Name	HHANDLER5.HANDLER_NAME
Address	HHANDLER5.LOCATION_STREET_NO HHANDLER5.LOCATION_STREET1 HHANDLER5.LOCATION_STREET2 HHANDLER5.LOCATION_CITY
County	HHANDLER5.LOCATION_COUNTY_CODE
Previous Source	
Source Type	HHANDLER5.SOURCE_TYPE
Receive Date	HHANDLER5.RECEIVE_DATE
Handler Name	HHANDLER5.HANDLER_NAME
Address	HHANDLER5.LOCATION_STREET_NO HHANDLER5.LOCATION_STREET1 HHANDLER5.LOCATION_STREET2 HHANDLER5.LOCATION_CITY
County	HHANDLER5.LOCATION_COUNTY_CODE

HANDLERS WITHOUT ANY GM OR WR FORMS REPORT

REPORT DESCRIPTION

This report identifies sites that are marked for inclusion in the National Report that did not provide any GM or WR form information.

View Sample Report (in PDF format)

SELECT LOGIC

This report selects all records from the Handler Table where:

- site is marked for inclusion in the National Report
- meets the user-selected criteria

Join the Biennial Report Reporting Table on Handler ID, Activity Location, Source Type, and Sequence Number where:

- waste stream information is not provided (BR_FORM = 'XX')

View Primary SQL (in PDF format)

SELECTION CRITERIA

Search Element	Values	Default Value	Required
Location	List of States	Your Profile State	Yes
BR Cycle	List of report cycles, 2001 to current	Null	Yes

REPORT HEADINGS

Note: headings in parentheses ( ) are implied and do not appear on the report.

Heading	Data Source
(State)	HBASIC.STATE
Region	HBASIC.REGION
Handler Name	HHANDLER5.HANDLER_NAME
Handler ID	HHANDLER5.HANDLER_ID

HAZARDOUS WASTE IMPORTS REPORT

REPORT DESCRIPTION

This report provides summary and/or detail information for hazardous waste imported from a foreign country for the selected biennial report cycle as reported on the GM and/or WR forms. The summary report shows the quantity of waste imported (in tons) as reported on the GM Form, the quantity of waste imported (in tons) as reported on the WR Form, and the difference between those two quantities. This information is provided at the by importer, by state, and by country.

The detail report shows the waste streams that indicate that the waste was imported from a foreign country for the selected biennial report cycle as reported on the GM and/or WR forms. For waste streams reported on the GM Form, the report shows the Handler ID, Handler Name, Page Number, Sub-page Number, Source Code, Form Code, Management Method, Quantity Generated (in tons), Receiver ID, Waste Code Group, Federal Waste Codes, and Waste Description for each waste stream where the Source Code is equal to G62, G63, G64, G65, G66, G67, G68, G69, G70, G71, G72, G73, G74, or G75. For waste streams reported on the WR Form, the report shows the Handler ID, Handler Name, Page Number, Sub-page Number, Form Code, Management Method, Quantity Received, Shipper ID, Waste Code Group, Federal Waste Codes, and Waste Description for each waste stream where the Shipper State is equal to 'FC' (foreign country).

View Sample Summary Report (in PDF format) or Sample Detail Report (in PDF format)

SELECT LOGIC

This report selects all records from the Biennial Report Reporting Table where:

- waste stream information is provided on the GM Form (BR_FORM = 'GM')
- waste source is from a foreign country
- meets the user-selected criteria

or

- waste stream information is provided on the WR Form (BR_FORM = 'WR')
- waste was received from a foreign country
- meets the user-selected criteria

View Primary SQL (in PDF format)

SELECTION CRITERIA

Search Element	Values	Default Value	Required
County	List of County Names based on Location State	Null	No
State District	List of State District Codes based on Location State	Null	No

REPORT HEADINGS

Summary Report By Importer

Heading	Data Source
State	BR_REPORTING.STATE_NAME
Importer ID	BR_REPORTING.HANDLER_ID
Importer Name	BR_REPORTING.HANDLER_NAME
Imported Waste Reported on GM Forms	SUM (BR_REPORTING.GENERATION_TONS)
Imported Waste Reported on WR Forms	SUM (BR_REPORTING.RECEIVED_TONS)
Difference (WR - GM)	SUM (BR_REPORTING.RECEIVED_TONS) - SUM (BR_REPORTING.GENERATION_TONS)

Summary Report By State

Heading	Data Source
State	BR_REPORTING.STATE_NAME
Imported Waste Reported on GM Forms	SUM (BR_REPORTING.GENERATION_TONS)
Imported Waste Reported on WR Forms	SUM (BR_REPORTING.RECEIVED_TONS)
Difference (WR Form - GM Form)	SUM (BR_REPORTING.RECEIVED_TONS) - SUM (BR_REPORTING.GENERATION_TONS)

Summary Report By Country

Heading	Data Source
Country	Calculated using BR_REPORTING.SOURCE_CODE and BR_REPORTING.SHIPPER_ID
Imported Waste Reported on GM Forms	SUM (BR_REPORTING.GENERATION_TONS)
Imported Waste Reported on WR Forms	SUM (BR_REPORTING.RECEIVED_TONS)
Difference (WR Form - GM Form)	SUM (BR_REPORTING.RECEIVED_TONS) - SUM (BR_REPORTING.GENERATION_TONS)

Detail Report (GM Form)

Heading	Data Source
Handler ID	BR_REPORTING.HANDLER_ID
Handler Name	BR_REPORTING.HANDLER_NAME
Page	BR_REPORTING.HZ_PG
Sub-Page	BR_REPORTING.SUB_PAGE_NUM
Source Code	BR_REPORTING.SOURCE_CODE
Form Code	BR_REPORTING.FORM_CODE
Management Method	BR_REPORTING.MANAGEMENT_METHOD
Quantity Generated	BR_REPORTING.GENERATION_TONS
Receiver ID	BR_REPORTING.RECEIVER_ID
Waste Code Group	BR_REPORTING.WASTE_CODE_GROUP
Federal Waste Codes	BR_REPORTING.FEDERAL_WASTE_CODES

Detail Report (WR Form)

Heading	Data Source
Handler ID	BR_REPORTING.HANDLER_ID
Handler Name	BR_REPORTING.HANDLER_NAME
Page	BR_REPORTING.HZ_PG
Sub-Page	BR_REPORTING.SUB_PAGE_NUM
Form Code	BR_REPORTING.FORM_CODE
Management Method	BR_REPORTING.MANAGEMENT_METHOD
Quantity Received	BR_REPORTING.RECEIVED_TONS
Shipper ID	BR_REPORTING.SHIPPER_ID
Waste Code Group	BR_REPORTING.WASTE_CODE_GROUP
Federal Waste Codes	BR_REPORTING.FEDERAL_WASTE_CODES

INVALID OFF-SITE SHIPPER IDS REPORT

REPORT DESCRIPTION

This report shows GM forms that indicated that waste was shipped to themselves or the waste was shipped to a site that does not exist within RCRAInfo for generators meeting the user-selected criteria.

View Sample Report (in PDF format)

SELECT LOGIC

This report selects all records from the Biennial Report Reporting Table where:

- Form is a GM Form
- Management Location is Off-site
- Shipment is marked for inclusion in the National Report generator total
- Handler Id is equal to the Receiver ID or Receiver ID does not exist within RCRAInfo (HREPORT_UNIV5)
- Receiver ID does not start with "FC"
- meets the user-selected criteria

View Primary SQL (in PDF format)

SELECTION CRITERIA

Search Element	Values	Default Value	Required
Location	List of States	Your Profile State	Yes
BR Cycle	List of report cycles, 2001 to current	Null	Yes

REPORT HEADINGS

Heading	Data Source
Handler ID	BR_REPORTING.HANDLER_ID
Handler Name	BR_REPORTING.HANDLER_NAME
Seq. No.	BR_REPORTING.SEQ_NUMBER
Page(s)	BR_REPORTING.HZ_PG
Handler ID Shipped To	BR_REPORTING.RECEIVER_ID

SHIPMENT / RECEIPT IDS THAT ARE NOT IN RCRAINFO REPORT

REPORT DESCRIPTION

This report shows EPA IDs reported as "shipped to" or "received from" that do not exist in RCRAInfo. ***Note: This report excludes EPA IDs that contain the word "SQG" or the numbers "123412348".***

View Sample Report (in PDF format)

SELECT LOGIC

This report selects all records from the Biennial Report Reporting Table where:

- BR Form is equal to 'GM'
- BR Management Location is equal to 'OFFSITE'
- Receiver ID does not contain the word 'SQG' or the numbers '123412348'
- Receiver ID does not exist in RCRAInfo
- meets the user-selected criteria

OR

- BR Form is equal to 'WR'
- Shipper ID does not contain the word 'SQG' or the numbers '123412348'
- Shipper ID does not exist in RCRAInfo
- meets the user-selected criteria

View Primary SQL (in PDF format)

SELECTION CRITERIA

Search Element	Values	Default Value	Required
Location	List of States, Regions, and National	Your Profile State	Yes
BR Cycle	List of report cycles, 2001 to current	Null	Yes

REPORT HEADINGS

Heading	Data Source

Handler ID	BR_REPORTING.HANDLER_ID
Handler Name	BR_REPORTING.HANDLER_NAME
Seq. No.	BR_REPORTING.SEQ_NUMBER
Page(s)	BR_REPORTING.HZ_PG where BR_FORM = 'GM'
Handler ID Shipped To	BR_REPORTING.RECEIVER_ID

Heading	**Data Source**
Handler ID	BR_REPORTING.HANDLER_ID
Handler Name	BR_REPORTING.HANDLER_NAME
Seq. No.	BR_REPORTING.SEQ_NUMBER
Page(s)	BR_REPORTING.HZ_PG BR_REPORTING.SUB_PAGE_NUM where BR_FORM = 'WR'
Handler ID Received From	BR_REPORTING.SHIPPER_ID

STATE ONLY WASTES REPORT

REPORT DESCRIPTION

This report is intended to identify wastes marked for inclusion in the National Report but are state waste only (that is, the waste is described only by federal waste codes).

View Sample Report (in PDF format)

SELECT LOGIC

This report selects all records from the Handler Table where:

- Site is marked for inclusion in the National Report
- meets the user-selected criteria

Join the Biennial Report Generation and Management Table on Handler ID, Activity Location, Source Type, and Sequence Number where:

- Waste is marked for inclusion in the National Report
- waste is not described by a federal waste code

View Primary SQL (in PDF format)

SELECTION CRITERIA

Search Element	Values	Default Value	Required
Location	List of States	Your Profile State	Yes
BR Cycle	List of report cycles, 2001 to current	Null	Yes

REPORT HEADINGS

Heading	Data Source
Region	HBASIC.REGION
State	HBASIC.STATE
Site Name	HHANDLER5.HANDLER_NAME
EPA ID	HHANDLER5.HANDLER_ID
Site Flag	HHANDLER5.INCLUDE_IN_NATIONAL_REPORT
Waste Flag	BGM_BASIC.INCLUDE_IN_NATIONAL_REPORT (for GM waste streams)

	BWR_BASIC.INCLUDE_IN_NATIONAL_REPORT (for WR waste streams)
Page	BGM_BASIC.HZ_PG (for GM waste streams) BWR_BASIC.HZ_PG BWR_BASIC.SUB_PG_NUM (for WR waste streams)
Quantity (tons)	BGM_BASIC.GENERATION_TONS_CALC (for GM waste streams) BWR_BASIC.RECEIVED_TONS_CALC (for WR waste streams)
Waste Codes	BGM_WASTE_CODE.WASTE_CODE where WASTE_CODE_OWNER <> 'HQ' (for GM waste codes) BWR_WASTE_CODE.WASTE_CODE where WASTE_CODE_OWNER <> 'HQ' (for WR waste codes)

TOP DISCREPANCIES OF WASTE RECEIVED TO WASTE SHIPPED REPORT

REPORT DESCRIPTION

This report provides a cross-check of hazardous waste receipts and shipments. Since waste receipts may come from any State, ***this report has limited use until data from all States are available.*** This report is from the viewpoint of the receiver, therefore, the location criteria specified for the report is for the location of the receiving site. The report shows the Receiver ID, Receiver Name, Shipper ID, Shipper Name, Quantity Received (in tons), Quantity Shipped (in tons), and the Difference (in tons) between the quantity received and the quantity shipped. The report is sorted on the difference from largest to smallest.

Receiver sites and received quantities are limited by the following criteria:

- the site is marked for inclusion in the National Report
- the waste was reported as being received on the WR Form
- the waste is marked for inclusion in the National Report
- the quantity received is greater than zero
- meets the user-selected criteria

Shipping sites and shipped quantities are limited by the following criteria:

- the site is marked for inclusion in the National Report
- the waste was reported as being shipped on the GM Form
- the waste is marked for inclusion in the National Report

View Sample Report (in PDF format)

SELECT LOGIC

This report selects all records from the Biennial Report Reporting Table where:

- site is marked for inclusion in the National Report as a receiver
- waste is marked for inclusion in the National Report as received waste
- quantity of waste received is greater than 0
- meets the user-selected criteria

For each receiver identified above, select records (if any) where:

- site is marked for inclusion in the National Report as a shipper
- waste is marked for inclusion in the National Report as shipped waste
- quantity of waste shipped is greater than 0

View Primary SQL (in PDF format)

SELECTION CRITERIA

Search Element	Values	Default Value	Required
Location	List of States	Your Profile State	Yes
BR Cycle	List of report cycles, 2001 to current	Null	Yes
Number of Sites	User specified	50	Yes
Management Method	List of Management Methods	Null	No

REPORT HEADINGS

Heading	Data Source
Receiver ID	BR_REPORTING.HANDLER_ID
Receiver Name	BR_REPORTING.HANDLER_NAME
Shipper ID	BR_REPORTING.SHIPPER_ID
Shipper Name	HHANDLER5.HANDLER_NAME
Quantity Received (tons)	SUM (BR_REPORTING.RECEIVED_TONS)
Quantity Shipped (tons)	SUM (BR_REPORTING.SHIPPED_TONS)
Difference (tons)	SUM (BR_REPORTING.RECEIVED_TONS) - SUM (BR_REPORTING.SHIPPED_TONS)

TOP DISCREPANCIES OF WASTE SHIPPED TO WASTE RECEIVED REPORT

REPORT DESCRIPTION

This report provides a cross-check of hazardous waste shipments and receipts. Since waste shipments may go to any State, ***this report has limited use until data from all States are available.*** This report is from the viewpoint of the shipper, therefore, the location criteria specified for the report is for the location of the site conducting the shipment. The report shows the Shipper ID, Shipper Name, Receiver ID, Receiver Name, Quantity Shipped (in tons), Quantity Received (in tons), and the Difference (in tons) between the quantity shipped and the quantity received. The report is sorted on the difference from largest to smallest.

Shipper sites and shipped quantities are limited by the following criteria:

- the site is marked for inclusion in the National Report
- the waste was reported as being shipped on the GM Form
- the waste is marked for inclusion in the National Report
- the quantity shipped is greater than zero
- meets the user-selected criteria

Shipping sites and shipped quantities are limited by the following criteria:

- the site is marked for inclusion in the National Report
- the waste was reported as being received on the WR Form
- the waste is marked for inclusion in the National Report

View Sample Report (in PDF format)

SELECT LOGIC

This report selects all records from the Biennial Report Reporting Table where:

- site is marked for inclusion in the National Report as a shipper
- waste is marked for inclusion in the National Report as shipped waste
- quantity of waste shipped is greater than 0
- meets the user-selected criteria

For each shipper identified above, select records (if any) where:

- site is marked for inclusion in the National Report as a receiver
- waste is marked for inclusion in the National Report as received waste
- quantity of waste received is greater than 0

View Primary SQL (in PDF format)

SELECTION CRITERIA

Search Element	Values	Default Value	Required
Location	List of States	Your Profile State	Yes
BR Cycle	List of report cycles, 2001 to current	Null	Yes
Number of Sites	User specified	50	Yes
Management Method	List of Management Methods	Null	No

REPORT HEADINGS

Heading	Data Source
Shipper ID	BR_REPORTING.HANDLER_ID
Shipper Name	BR_REPORTING.HANDLER_NAME
Receiver ID	BR_REPORTING.RECEIVER_ID
Receiver Name	HHANDLER5.HANDLER_NAME
Quantity Shipped (tons)	SUM (BR_REPORTING.SHIPPED_TONS)
Quantity Received (tons)	SUM (BR_REPORTING.RECEIVED_TONS)
Difference (tons)	SUM (BR_REPORTING.SHIPPED_TONS) - SUM (BR_REPORTING.RECEIVED_TONS)

TOP GENERATORS REPORT

REPORT DESCRIPTION

This report is designed to identify sites within the State which impact the State's hazardous waste generation total and have significantly changed since the last reporting cycle. The user specifies the number of sites to print (thus making the report useful for both large and small States).

The generation quantity reported is limited to waste where the site is included in the National Report, the GM Form is included in the National Report, and the generation amount for that GM Form is greater than zero. You may click the links under the "Quantity Report" columns to see the BR Comprehensive Report for the selected site and report cycle. The Comprehensive Report will show the top ten GM forms regardless of whether the form is included in the National Report.

View Sample Report (in PDF format)

SELECT LOGIC

This report selects all records from the Biennial Report Reporting Table where:

- BR Form is equal to 'GM'
- site is marked for inclusion in the National Report generator total
- waste stream is marked for inclusion in the National Report generation total
- meets the user-selected criteria

View Primary SQL (in PDF format)

SELECTION CRITERIA

Search Element	Values	Default Value	Required
Location	List of States, Regions, and National	Your Profile State	Yes
BR Cycle	List of report cycles, 2001 to current	Null	Yes
Compared to BR Cycle	List of report cycles, 2001 to current	Null	Yes
Number of Sites	User specified	50	Yes

REPORT HEADINGS

Waste Generation Summary

Heading	Data Source
Quantity of RCRA Hazardous Waste Generated in <year>	SUM BR_REPORTING.GENERATION_TONS
% Change	((SUM BR_REPORTING.GENERATION_TONS [from year 1] - SUM BR_REPORTING.GENERATION_TONS [from year 2]) / SUM BR_REPORTING.GENERATION_TONS [from year 2]) * 100)
Number of RCRA Hazardous Waste Generators in <year>	COUNT DISTINCT BR_REPORTING.HANDLER_ID
% Change	((COUNT DISTINCT BR_REPORTING.HANDLER_ID [from year 1] - COUNT DISTINCT BR_REPORTING.HANDLER_ID [from year 2]) / COUNT DISTINCT BR_REPORTING.HANDLER_ID [from year 2]) * 100)

Generator List

Heading	Data Source
EPA ID	BR_REPORTING.HANDLER_ID
Site Name	BR_REPORTING.HANDLER_NAME
<year> Rank	Ranking of the SUM(BR_REPORTING.GENERATION_TONS)
<year> Qty Reported	SUM BR_REPORTING.GENERATION_TONS
Qty Change	SUM BR_REPORTING.GENERATION_TONS [from year 1] - SUM BR_REPORTING.GENERATION_TONS [from year 2]
% Change	((SUM BR_REPORTING.GENERATION_TONS [from year 1] - SUM BR_REPORTING.GENERATION_TONS [from year 2]) / SUM BR_REPORTING.GENERATION_TONS [from year 2]) * 100)

TOP MANAGERS REPORT

REPORT DESCRIPTION

This report is designed to identify sites within the State which impact the State's hazardous waste management total and have significantly changed since the last reporting cycle. The user specifies the number of sites to print (thus making the report useful for both large and small States).

The management quantity reported is limited to waste where the site is included in the National Report, and either the GM Form is included in the National Report and the management amount for that GM Form is greater than zero or the WR Form is included in the National Report and the received amount is greater than zero. You may click the links under the "Quantity Report" columns to see the BR Comprehensive Report for the selected site and report cycle. The Comprehensive Report will show the top ten GM and WR forms regardless of whether the form is included in the National Report.

View Sample Report (in PDF format)

SELECT LOGIC

This report selects all records from the Biennial Report Reporting Table where:

- BR Form is equal to 'GM' or 'WR'
- site is marked for inclusion in the National Report manager total
- waste stream is marked for inclusion in the National Report management total
- meets the user-selected criteria

View Primary SQL (in PDF format)

SELECTION CRITERIA

Search Element	Values	Default Value	Required
Location	List of States, Regions, and National	Your Profile State	Yes
BR Cycle	List of report cycles, 2001 to current	Null	Yes
Compared to BR Cycle	List of report cycles, 2001 to current	Null	Yes
Number of Sites	User specified	50	Yes

REPORT HEADINGS

Waste Management Summary

Heading	Data Source
Quantity of RCRA Hazardous Waste Managed in <year>	SUM BR_REPORTING.MANAGED_TONS
% Change	((SUM BR_REPORTING.MANAGED_TONS [from year 1] - SUM BR_REPORTING.MANAGED_TONS [from year 2]) / SUM BR_REPORTING.MANAGED_TONS [from year 2]) * 100)
Number of RCRA Hazardous Waste Managers in <year>	COUNT DISTINCT BR_REPORTING.HANDLER_ID
% Change	((COUNT DISTINCT BR_REPORTING.HANDLER_ID [from year 1] - COUNT DISTINCT BR_REPORTING.HANDLER_ID [from year 2]) / COUNT DISTINCT BR_REPORTING.HANDLER_ID [from year 2]) * 100)

Manager List

Heading	Data Source
EPA ID	BR_REPORTING.HANDLER_ID
Site Name	BR_REPORTING.HANDLER_NAME
<year> Rank	Ranking of the SUM(BR_REPORTING.MANAGED_TONS)
<year> Qty Reported	SUM BR_REPORTING.MANAGED_TONS
Qty Change	SUM BR_REPORTING.MANAGED_TONS [from year 1] - SUM BR_REPORTING.MANAGED_TONS [from year 2]
% Change	((SUM BR_REPORTING.MANAGED_TONS [from year 1] - SUM BR_REPORTING.MANAGED_TONS [from year 2]) / SUM BR_REPORTING.MANAGED_TONS [from year 2]) * 100)

TOP RECEIVERS REPORT

REPORT DESCRIPTION

This report is designed to identify sites within the State which impact the State's hazardous waste received total and have significantly changed since the last reporting cycle. The user specifies the number of sites to print (thus making the report useful for both large and small States).

The received quantity reported is limited to waste where the site is included in the National Report, the WR Form is included in the National Report, and the received amount for that WR Form is greater than zero. You may click the links under the "Quantity Report" columns to see the BR Comprehensive Report for the selected site and report cycle. The Comprehensive Report will show the top ten WR forms regardless of whether the form is included in the National Report.

View Sample Report (in PDF format)

SELECT LOGIC

This report selects all records from the Biennial Report Reporting Table where:

- BR Form is equal to 'WR'
- site is marked for inclusion in the National Report receiver total
- waste stream is marked for inclusion in the National Report received total
- meets the user-selected criteria

View Primary SQL (in PDF format)

SELECTION CRITERIA

Search Element	Values	Default Value	Required
Location	List of States, Regions, and National	Your Profile State	Yes
BR Cycle	List of report cycles, 2001 to current	Null	Yes
Compared to BR Cycle	List of report cycles, 2001 to current	Null	Yes
Number of Sites	User specified	50	Yes

REPORT HEADINGS

Waste Received Summary

Heading	Data Source
Quantity of RCRA Hazardous Waste Received in <year>	SUM BR_REPORTING.RECEIVED_TONS
% Change	((SUM BR_REPORTING.RECEIVED_TONS [from year 1] - SUM BR_REPORTING.RECEIVED_TONS [from year 2]) / SUM BR_REPORTING.RECEIVED_TONS [from year 2]) * 100)
Number of RCRA Hazardous Waste Receivers in <year>	COUNT DISTINCT BR_REPORTING.HANDLER_ID
% Change	((COUNT DISTINCT BR_REPORTING.HANDLER_ID [from year 1] - COUNT DISTINCT BR_REPORTING.HANDLER_ID [from year 2]) / COUNT DISTINCT BR_REPORTING.HANDLER_ID [from year 2]) * 100)

Receiver List

Heading	Data Source
EPA ID	BR_REPORTING.HANDLER_ID
Site Name	BR_REPORTING.HANDLER_NAME
<year> Rank	Ranking of the SUM(BR_REPORTING.RECEIVED_TONS)
<year> Qty Reported	SUM BR_REPORTING.RECEIVED_TONS
Qty Change	SUM BR_REPORTING.RECEIVED_TONS [from year 1] - SUM BR_REPORTING.RECEIVED_TONS [from year 2]
% Change	((SUM BR_REPORTING.RECEIVED_TONS [from year 1] - SUM BR_REPORTING.RECEIVED_TONS [from year 2]) / SUM BR_REPORTING.RECEIVED_TONS [from year 2]) * 100)

TOP SHIPPERS REPORT

REPORT DESCRIPTION

This report is designed to identify sites within the State which impact the State's hazardous waste shipped total and have significantly changed since the last reporting cycle. The user specifies the number of sites to print (thus making the report useful for both large and small States).

The shipped quantity reported is limited to waste where the site is included in the National Report, the GM Form is included in the National Report, and the shipped amount for that GM Form is greater than zero. You may click the links under the "Quantity Report" columns to see the BR Comprehensive Report for the selected site and report cycle. The Comprehensive Report will show the top ten GM forms regardless of whether the form is included in the National Report.

View Sample Report (in PDF format)

SELECT LOGIC

This report selects all records from the Biennial Report Reporting Table where:

- BR Form is equal to 'GM'
- site is marked for inclusion in the National Report shipper total
- waste stream is marked for inclusion in the National Report shipped total
- meets the user-selected criteria

View Primary SQL (in PDF format)

SELECTION CRITERIA

Search Element	Values	Default Value	Required
Location	List of States, Regions, and National	Your Profile State	Yes
BR Cycle	List of report cycles, 2001 to current	Null	Yes
Compared to BR Cycle	List of report cycles, 2001 to current	Null	Yes
Number of Sites	User specified	50	Yes

REPORT HEADINGS

Waste Shipped Summary

Heading	Data Source
Quantity of RCRA Hazardous Waste Shipped in <year>	SUM BR_REPORTING.SHIPPED_TONS
% Change	((SUM BR_REPORTING.SHIPPED_TONS [from year 1] - SUM BR_REPORTING.SHIPPED_TONS [from year 2]) / SUM BR_REPORTING.SHIPPED_TONS [from year 2]) * 100)
Number of RCRA Hazardous Waste Shippers in <year>	COUNT DISTINCT BR_REPORTING.HANDLER_ID
% Change	((COUNT DISTINCT BR_REPORTING.HANDLER_ID [from year 1] - COUNT DISTINCT BR_REPORTING.HANDLER_ID [from year 2]) / COUNT DISTINCT BR_REPORTING.HANDLER_ID [from year 2]) * 100)

Shipper List

Heading	Data Source
EPA ID	BR_REPORTING.HANDLER_ID
Site Name	BR_REPORTING.HANDLER_NAME
<year> Rank	Ranking of the SUM(BR_REPORTING.SHIPPED_TONS)
<year> Qty Reported	SUM BR_REPORTING.SHIPPED_TONS
Qty Change	SUM BR_REPORTING.SHIPPED_TONS [from year 1] - SUM BR_REPORTING.SHIPPED_TONS [from year 2]
% Change	((SUM BR_REPORTING.SHIPPED_TONS [from year 1] - SUM BR_REPORTING.SHIPPED_TONS [from year 2]) / SUM BR_REPORTING.SHIPPED_TONS [from year 2]) * 100)

VERIFICATION OF TREATMENT/STORAGE/DISPOSAL PERMITS REPORT

REPORT DESCRIPTION

This report compares the management methods reported in a facility's Biennial Report to the RCRAInfo operating permits for Treatment, Storage, and Disposal Facilities. An operating permit is defined as a permit event code of OP200PG, OP200PI, OP200PJ, OP200PP, PC200PG, PC200PI, PC200PJ, or PC200PP with an owner equal to 'HQ' and has a permit event actual date.

View Sample Report (in PDF format)

SELECT LOGIC

This report selects all records from the Biennial Report Reporting Table where:

- Management was conducted on-site (Management Location = 'ONSITE')
- GM Form and management was included in the National Report **or** WR Form and receipt was included in the National Report
- meets the user-selected criteria

Join the Permit Event Table on Handler ID and Activity Location where:

- the Permit Event equals 'OP200PG', 'OP200PI', 'OP200PJ', 'OP200PP', 'PC200PG', 'PC200PI', 'PC200PJ', or 'PC200PP'
- the Permit Event Code Owner equals 'HQ'
- The Permit Event Actual Date has been proviced

View Primary SQL (in PDF format)

SELECTION CRITERIA

Search Element	Values	Default Value	Required
Location	List of States	Your Profile State	Yes
BR Cycle	List of report cycles, 2001 to current	Null	Yes

REPORT HEADINGS

Heading	Data Source
EPA ID	HHANDLER5.HANDLER_ID
Site Name	HHANDLER5.HANDLER_NAME
TSD Activity	HHANDLER5.TSD_ACTIVITY

Managed Tons	BR_REPORTING.MANAGED_TONS
Management Methods	BR_REPORTING.MANAGEMENT_METHOD
RCRA Operating Permits	PUNIT_DETAIL4.PROCESS_CODE

WASTEWATER CHARACTERISTICS REPORT

REPORT DESCRIPTION

This report is intended to identify wastes on the GM Form that were managed on-site and are marked for inclusion in the National Report but have wastewater characteristics.

View Sample Report (in PDF format)

SELECT LOGIC

This report selects all records from the Biennial Report Reporting Table where:

- Site is marked for inclusion in the National Report
- waste stream is marked for inclusion (as generation) in the National Report
- waste was managed on-site
- waste has a wastewater characteristic
- generation total (in tons) is greater than 0
- waste was not managed via H134 (deepwell or underground injection)
- meets the user-selected criteria

View Primary SQL (in PDF format)

SELECTION CRITERIA

Search Element	Values	Default Value	Required
Location	List of States	Your Profile State	Yes
BR Cycle	List of report cycles, 2001 to current	Null	Yes

REPORT HEADINGS

Note: headings in parentheses ( ) are implied and do not appear on the report.

Heading	Data Source
Region	HBASIC.REGION
State	HBASIC.STATE
Site Name	HHANDLER5.HANDLER_NAME
EPA ID	HHANDLER5.HANDLER_ID
Site Flag	HHANDLER5.INCLUDE_IN_NATIONAL_REPORT
Waste Flag	BR_REPORTING.GEN_WASTE_INCLUDED_IN_NBR

Page	BR_REPORTING.HZ_PG
Quantity (tons)	BR_REPORTING.GENERATION_TONS
Form Code	BR_REPORTING.FORM_CODE
On-site Method	BR_REPORTING.MANAGEMENT_METHOD
(Waste Description)	BR_REPORTING.DESCRIPTION

CM&E

CM&E COMPREHENSIVE REPORT

REPORT DESCRIPTION

This report is designed to provide all information from the Compliance, Monitoring, and Enforcement module. This report provides a complete listing of evaluation, violation, and enforcement activities for each handler, including all orphan records. Below the Handler information, the data is presented in three sections: Evaluations, Violations, and Enforcements. Notes are provided in each respective section.

View Sample Report (in PDF format)

SELECT LOGIC

This report selects all records from the CM&E Reporting Table where:

- meets the user-selected criteria

This report also selects all records from the Handler Reporting Table where:

- the Handler ID from the records selected from the CM&E Reporting Table equals the Handler ID for the Handler Reporting Table.

View Primary SQL (in PDF format)

SELECTION CRITERIA

Search Element	Values	Default Value	Required
Physical Site Location	List of States, Regions, and National	Your Profile State	Yes, if Group of IDs is not provided
Evaluation Date Range	Valid date no earlier than 10/1/1980 and no later than today	10/1/1990 - Today	Yes
Evaluation Types	List of Evaluation Types	Null	No
Evaluating Agencies	• EPA • EPA Contractor/Grantee • EPA-Initiated Oversight/Observation/Training Actions • Local	Null	No

	• Native American • State • State Contractor/Grantee • State-Initiated Oversight/Observation/Training Actions		
Handler ID	User Specified	Null	No
Group of Ids	List of Saved Groups	Null	Yes, if Physical Site Location is not provided

REPORT HEADINGS

Note: headings in parentheses ( ) are implied and do not appear on the report.

Site Identification Information

Heading	Data Source
(Handler Name)	CMECOMP3.HANDLER_NAME
County Name/Code	HREPORT_UNIV5.LOCATION_COUNTY_CODE HREPORT_UNIV5.LOCATION_COUNTY_NAME
(Handler ID)	CMECOMP3.HANDLER_ID
Location	HREPORT_UNIV5.LOCATION_STREET1 HREPORT_UNIV5.LOCATION_CITY HREPORT_UNIV5.LOCATION_STATE HREPORT_UNIV5.LOCATION_ZIP
Mailing	HREPORT_UNIV5.MAIL_STREET1 HREPORT_UNIV5.MAIL_CITY HREPORT_UNIV5.MAIL_STATE HREPORT_UNIV5.MAIL_ZIP
Region	CMECOMP3.REGION
Activity Location	CMECOMP3.HANDLER_ACTIVITY_LOCATION
State District	CMECOMP3.STATE_DISTRICT
Accessibility	HREPORT_UNIV5.ACCESSIBILITY
Non-Notifier	HREPORT_UNIV5.NON_NOTIFIER
Extract Flag	HREPORT_UNIV5.EXTRACT_FLAG
Active Site	HREPORT_UNIV5.ACTIVE_SITE
Universes	See the CM&E Standard Suite of Universes

3007 Information Requests*

Heading	Data Source

(Date or Request)	CMECOMP3.DATE_OF_REQUEST
Activity Location	CMECOMP3.REQUEST_ACTIVITY_LOCATION
Agency	CMECOMP3.REQUEST_AGENCY
Date Response Received	CMECOMP3.DATE_RESPONSE_RECEIVED
Request Notes	CMECOMP3.REQUEST_NOTES

Evaluations

Heading	Data Source
(Evaluation Type)	CMECOMP3.EVAL_TYPE
(Evaluation Date)	CMECOMP3.EVAL_START_DATE
Activity Location	CMECOMP3.EVAL_ACTIVITY_LOCATION
By	CMECOMP3.EVAL_AGENCY
Identifier	CMECOMP3.EVAL_IDENTIFIER
Person	CMECOMP3.EVAL_RESPONSIBLE_PERSON
Branch	CMECOMP3.EVAL_SUBORGANIZATION
Found Violation	CMECOMP3.FOUND_VIOLATION
NOC Date	CMECOMP3.NOC_DATE
Citizen Complaint	CMECOMP3.CITIZEN_COMPLAINT
Multimedia Inspection	CMECOMP3.MULTIMEDIA_INSPECTION
Sampling	CMECOMP3.SAMPLING
Not Subtitle C	CMECOMP3.NOT_SUBTITLE_C
Day Zero	CMECOMP3.DAY_ZERO
Focus Area	CMECOMP3.FOCUS_AREA
Eval. Notes*	CMECOMP3.EVAL_NOTES

Violations

Heading	Data Source
Activity Location	CMECOMP3.VIOL_ACTIVITY_LOCATION
Type	CMECOMP3.VIOL_TYPE
Determined Date	CMECOMP3.DETERMINED_DATE
Determined By Agency	CMECOMP3.VIOL_DETERMINED_BY_AGENCY
Responsible Agency	CMECOMP3.RESPONSIBLE_AGENCY
Scheduled Compliance Date	CMECOMP3.COMPLIANCE_SCHED_DATE
Actual Compliance Date	CMECOMP3.ACTUAL_RTC_DATE
RTC Qualifier	CMECOMP3.RTC_QUALIFIER
Sequence Number	CMECOMP3.VIOL_SEQ
Citation Information*	

Seq #*	CCITATION3.CITATION_SEQ
Type*	CCITATION3.CITATION_TYPE
Citation*	CCITATION3.CITATION
Notes*	CCITATION3.NOTES
Former Citation	CMECOMP3.FORMER_CITATION
Viol.Notes*	CMECOMP3.VIOL_NOTES

Enforcements

Heading	**Data Source**
Activity Location	CMECOMP3.ENF_ACTIVITY_LOCATION
Type	CMECOMP3.ENF_TYPE
Action Date	CMECOMP3.ENF_ACTION_DATE
Identifier	CMECOMP3.ENF_IDENTIFIER
Docket	CMECOMP3.DOCKET_NUMBER
Agency	CMECOMP3.ENF_AGENCY
Responsible Person	CMECOMP3.ENF_RESPONSIBLE_PERSON
Branch	CMECOMP3.ENF_SUBORGANIZATION
Penalty Information*	
Proposed*	CMECOMP3.PROPOSED_AMOUNT
Final Monetary Penalty*	CMECOMP3.FINAL_MONETARY_AMOUNT
Collected*	CMECOMP3.PAID_AMOUNT
Total Final*	CMECOMP3.FINAL_AMOUNT
SNY Date	CSNY_DATE3.SNY_DATE
CA Component	CMECOMP3.CA_COMPONENT
FA Requirement	CMECOMP3.FA_REQUIREMENT
Disposition Status	CMECOMP3.DISPOSITION_STATUS CMECOMP3.DISPOSITION_DATE
Appeal Initiated	CMECOMP3.APPEAL_INITIATED_DATE
Appeal Resolved	CMECOMP3.APPEAL_RESOLVED_DATE
CA/FO Information*	
Seq*	CMECOMP3.CAFO_SEQ
Respondent Name*	LU_CAFO.RESPONDENT_NAME
Lead Agency*	LU_CAFO.LEAD_AGENCY
SEP Information*	
Seq #*	CMECOMP3.SEP_SEQ
Type*	CMECOMP3.SEP_TYPE
Expenditure Amount*	CMECOMP3.EXPENDITURE_AMOUNT
Scheduled Completion Date*	CMECOMP3.SCHEDULED_COMPLETION_DATE

Enf. Notes*	CMECOMP3.ENF_NOTES

*Will not be displayed on the report if data does not exist for that data element.

EVALUATIONS BY TYPE REPORT

REPORT DESCRIPTION

This report provides information concerning CM&E evaluations (i.e., inspections) conducted at the activity location by the selected agency during the date range specified. The report is grouped by the evaluation type.

View Sample Report (in PDF format)

SELECT LOGIC

This report selects all records from the Evaluation Table where:

- meets the user-selected criteria

This report also selects all records from the Handler Reporting Table where:

- the Handler ID from the records selected from the Evaluation Table equals the Handler ID for the Handler Reporting Table.

View Primary SQL (in PDF format)

SELECTION CRITERIA

Search Element	Values	Default Value	Required
Location	List of States, Regions, and National	Your Profile State	Yes
State District	List of State District Codes based on Location State	Null	No
Evaluation Date Range	Valid date no earlier than 10/1/1980 and no later than today	10/1/1990 - Today	Yes
Evaluation Types	List of Evaluation Types	Null	No
Evaluating Agencies	• EPA • EPA Contractor/Grantee • EPA-Initiated Oversight/Observation/Training Actions • Local • Native American • State	Null	No

	• State Contractor/Grantee • State-Initiated Oversight/Observation/Training Actions		

REPORT HEADINGS

Note: headings in parentheses ( ) are implied and do not appear on the report.

Summary Report

Heading	Data Source
Evaluation Types	CEVALUATION3.EVAL_TYPE
Number of Handlers	COUNT(DISTINCT CEVALUATION3.HANDLER_ID)
Number of Evaluations	COUNT(CEVALUATION3.EVAL_TYPE)

Detail Report

Heading	Data Source
(State Name)	HREPORT_UNIV5.STATE
(Region)	HREPORT_UNIV5.REGION
Owner Type	HREPORT_UNIV5.OWNER_TYPE
Operator Type	HREPORT_UNIV5.OPERATOR_TYPE
Handler ID	CEVALUATION3.HANDLER_ID
Handler Name	HREPORT_UNIV5.HANDLER_NAME
Seq	HREPORT_UNIV5.SEQ_NUMBER
Non-Notif	HREPORT_UNIV5.NON_NOTIFIER
LQG	HREPORT_UNIV5.GENSTATUS
SQG	HREPORT_UNIV5.GENSTATUS
VSQG	HREPORT_UNIV5.GENSTATUS
Tran	HREPORT_UNIV5.TRANSPORTER
Full Enfmt TSDF	HREPORT_UNIV5.FULL_ENFORCEMENT
Agcy	CEVALUATION3.EVAL_AGENCY
Eval Start Date	CEVALUATION3.EVAL_START_DATE
Eval Type	CEVALUATION3.EVAL_TYPE
Focus Area	CEVALUATION3.FOCUS_AREA
Cit Comp	CEVALUATION3.CITIZEN_COMPLAINT
Multi-media	CEVALUATION3.MULTIMEDIA_INSPECTION
Sampl	CEVALUATION3.SAMPLING
Not Subtl C	CEVALUATION3.NOT_SUBTITLE_C

Insp By	CEVALUATION3.RESPONSIBLE_PERSON
Found Viol	CEVALUATION3.FOUND_VIOLATION

SNC STATUS REPORT

REPORT DESCRIPTION

This report presents available information about facilities meeting the selection criteria that have been classified as a significant non-complier (SNC). The report presents a summary of the number of SNCs, Unaddressed SNCs, Addressed SNCs, SNCs on a Compliance Schedule, and SNCs that have Missed the Compliance Schedule, grouped by region and state. The detail listing (if selected to print) shows the evaluation, violation, and/or enforcement action information related to the most recent SNY evaluation via the Day Zero.

View Sample Report (in PDF format)

SELECT LOGIC

This report selects all records from the CM&E Reporting Table that are associated with a current sny (SNY_LINKING_VIEW) where:

- the Evaluation Type is not ('CDI', 'CSE', 'FUI', 'NIR', 'SNN', 'SNY')
- meets the user-selected criteria

This report also selects all records from the Handler Reporting Table where:

- the Handler ID from the records selected from the CM&E Reporting Table equals the Handler ID for the Handler Reporting Table.

View Primary SQL (in PDF format)

SELECTION CRITERIA

Search Element	Values	Default Value	Required
Physical Site Location	List of States, Regions, and National	Your Profile State	Yes, if Group of IDs is not provided
SNC Type	• All SNC Types • Unaddressed SNC • Addressed SNC • SNC With Comp. Sched.	All SNC Types	Yes
SNC Agency	• All SNC Agencies	All SNC Agencies	Yes

	• State SNCs Only • EPA SNCs Only		
Group of Ids	List of Saved Groups	Null	Yes, if Physical Site Location is not provided
Include Detail Listing	• Summary Counts Only • Summary and Detail	Summary Counts Only	Yes

REPORT HEADINGS

Note: headings in parentheses ( ) are implied and do not appear on the report.

Summary Report

Heading	Data Source
State	HREPORT_UNIV5.STATE
Total # of SNCs	
EPA	COUNT(DISTINCT HANDLER_ID) WHERE HREPORT_SNC_UNIV.EPA_UNADDRESSED_SNC = 'Y' OR HREPORT_SNC_UNIV.EPA_ADDRESSED_SNC = 'Y'
State	COUNT(DISTINCT HANDLER_ID) WHERE HREPORT_SNC_UNIV.STATE_UNADDRESSED_SNC = 'Y' OR HREPORT_SNC_UNIV.STATE_ADDRESSED_SNC = 'Y'
Unaddressed SNCs	
EPA	COUNT(DISTINCT HANDLER_ID) WHERE HREPORT_SNC_UNIV.EPA_UNADDRESSED_SNC = 'Y'
State	COUNT(DISTINCT HANDLER_ID) WHERE HREPORT_SNC_UNIV.STATE_UNADDRESSED_SNC = 'Y'
Addressed SNCs	
EPA	COUNT(DISTINCT HANDLER_ID) WHERE HREPORT_SNC_UNIV.EPA_ADDRESSED_SNC = 'Y'
State	COUNT(DISTINCT HANDLER_ID) WHERE HREPORT_SNC_UNIV.STATE_ADDRESSED_SNC = 'Y'
SNCs on a Compliance Schedule	
EPA	COUNT(DISTINCT HANDLER_ID) WHERE HREPORT_SNC_UNIV.EPA_SNC_WITH_COMP_SCHED = 'Y'
State	COUNT(DISTINCT HANDLER_ID) WHERE HREPORT_SNC_UNIV.STATE_SNC_WITH_COMP_SCHED = 'Y'
Missed Compliance Schedule	
EPA	Calculated, see SQL

State	Calculated, see SQL

Detail Report

Site Identification Information

Heading	Data Source
(Handler Name)	CMECOMP3.HANDLER_NAME
County Name/Code	HREPORT_UNIV5.LOCATION_COUNTY_CODE HREPORT_UNIV5.LOCATION_COUNTY_NAME
(Handler ID)	CMECOMP3.HANDLER_ID
Location	HREPORT_UNIV5.LOCATION_STREET1 HREPORT_UNIV5.LOCATION_CITY HREPORT_UNIV5.LOCATION_STATE HREPORT_UNIV5.LOCATION_ZIP
Mailing	HREPORT_UNIV5.MAIL_STREET1 HREPORT_UNIV5.MAIL_CITY HREPORT_UNIV5.MAIL_STATE HREPORT_UNIV5.MAIL_ZIP
Region	CMECOMP3.REGION
Activity Location	CMECOMP3.HANDLER_ACTIVITY_LOCATION
State District	CMECOMP3.STATE_DISTRICT
Accessibility	HREPORT_UNIV5.ACCESSIBILITY
Non-Notifier	HREPORT_UNIV5.NON_NOTIFIER
Extract Flag	HREPORT_UNIV5.EXTRACT_FLAG
Active Site	HREPORT_UNIV5.ACTIVE_SITE
Universes	See the CM&E Standard Suite of Universes

3007 Information Requests*

Heading	Data Source
(Date or Request)	CMECOMP3.DATE_OF_REQUEST
Activity Location	CMECOMP3.REQUEST_ACTIVITY_LOCATION
Agency	CMECOMP3.REQUEST_AGENCY
Date Response Received	CMECOMP3.DATE_RESPONSE_RECEIVED
Request Notes	CMECOMP3.REQUEST_NOTES

Evaluations

Heading	Data Source
(Evaluation Type)	CMECOMP3.EVAL_TYPE

(Evaluation Date)	CMECOMP3.EVAL_START_DATE
Activity Location	CMECOMP3.EVAL_ACTIVITY_LOCATION
By	CMECOMP3.EVAL_AGENCY
Identifier	CMECOMP3.EVAL_IDENTIFIER
Person	CMECOMP3.EVAL_RESPONSIBLE_PERSON
Branch	CMECOMP3.EVAL_SUBORGANIZATION
Found Violation	CMECOMP3.FOUND_VIOLATION
NOC Date	CMECOMP3.NOC_DATE
Citizen Complaint	CMECOMP3.CITIZEN_COMPLAINT
Multimedia Inspection	CMECOMP3.MULTIMEDIA_INSPECTION
Sampling	CMECOMP3.SAMPLING
Not Subtitle C	CMECOMP3.NOT_SUBTITLE_C
Day Zero	CMECOMP3.DAY_ZERO
Focus Area	CMECOMP3.FOCUS_AREA
Eval. Notes*	CMECOMP3.EVAL_NOTES

Violations

Heading	**Data Source**
Activity Location	CMECOMP3.VIOL_ACTIVITY_LOCATION
Type	CMECOMP3.VIOL_TYPE
Determined Date	CMECOMP3.DETERMINED_DATE
Determined By Agency	CMECOMP3.VIOL_DETERMINED_BY_AGENCY
Responsible Agency	CMECOMP3.RESPONSIBLE_AGENCY
Scheduled Compliance Date	CMECOMP3.COMPLIANCE_SCHED_DATE
Actual Compliance Date	CMECOMP3.ACTUAL_RTC_DATE
RTC Qualifier	CMECOMP3.RTC_QUALIFIER
Sequence Number	CMECOMP3.VIOL_SEQ
Citation Information*	
Seq #*	CCITATION3.CITATION_SEQ
Type*	CCITATION3.CITATION_TYPE
Citation*	CCITATION3.CITATION
Notes*	CCITATION3.NOTES
Former Citation	CMECOMP3.FORMER_CITATION
Viol.Notes*	CMECOMP3.VIOL_NOTES

Enforcements

Heading	**Data Source**

Activity Location	CMECOMP3.ENF_ACTIVITY_LOCATION
Type	CMECOMP3.ENF_TYPE
Action Date	CMECOMP3.ENF_ACTION_DATE
Identifier	CMECOMP3.ENF_IDENTIFIER
Docket	CMECOMP3.DOCKET_NUMBER
Agency	CMECOMP3.ENF_AGENCY
Responsible Person	CMECOMP3.ENF_RESPONSIBLE_PERSON
Branch	CMECOMP3.ENF_SUBORGANIZATION
Penalty Information*	
Proposed*	CMECOMP3.PROPOSED_AMOUNT
Final Monetary Penalty*	CMECOMP3.FINAL_MONETARY_AMOUNT
Collected*	CMECOMP3.PAID_AMOUNT
Total Final*	CMECOMP3.FINAL_AMOUNT
SNY Date	CSNY_DATE3.SNY_DATE
CA Component	CMECOMP3.CA_COMPONENT
FA Requirement	CMECOMP3.FA_REQUIREMENT
Disposition Status	CMECOMP3.DISPOSITION_STATUS CMECOMP3.DISPOSITION_DATE
Appeal Initiated	CMECOMP3.APPEAL_INITIATED_DATE
Appeal Resolved	CMECOMP3.APPEAL_RESOLVED_DATE
CA/FO Information*	
Seq*	CMECOMP3.CAFO_SEQ
Respondent Name*	LU_CAFO.RESPONDENT_NAME
Lead Agency*	LU_CAFO.LEAD_AGENCY
SEP Information*	
Seq #*	CMECOMP3.SEP_SEQ
Type*	CMECOMP3.SEP_TYPE
Expenditure Amount*	CMECOMP3.EXPENDITURE_AMOUNT
Scheduled Completion Date*	CMECOMP3.SCHEDULED_COMPLETION_DATE
Enf. Notes*	CMECOMP3.ENF_NOTES

*Will not be displayed on the report if data does not exist for that data element.

VIOLATIONS NOT RETURNED TO COMPLIANCE REPORT

REPORT DESCRIPTION

This report shows violations that have not returned to compliance that are linked to evaluations that occurred during the date range provided.

View Sample Report (in PDF format)

SELECT LOGIC

This report selects all records from the CM&E Reporting Table where:

- the Actual Returned To Compliance Date is null
- the Evaluation Start Date >= [start date]
- the Evaluation Start Date <= [end date]
- the Evaluation Type is not ('SNN', 'SNY')
- meets the user-selected criteria

This report also selects all records from the Handler Reporting Table where:

- the Handler ID from the records selected from the CM&E Reporting Table equals the Handler ID for the Handler Reporting Table.

View Primary SQL (in PDF format)

SELECTION CRITERIA

Search Element	Values	Default Value	Required
Location	List of States, Regions, and National	Your Profile State	Yes
State District	List of State District Codes based on Location State	Null	No
Evaluation Date Range	Valid date no earlier than 10/1/1980 and no later than today	10/1/1990 - Today	Yes
Violation Agency	• All Agencies • State Agencies Only • EPA Agencies Only	All Agencies	Yes
Include Bankrupt Facilities	• Yes • No	Yes	Yes

REPORT HEADINGS

Note: headings in parentheses ( ) are implied and do not appear on the report.

Heading	Data Source
(State Name)	CMECOMP3.VIOL_ACTIVITY_LOCATION
(Handler Name)	CMECOMP3.HANDLER_NAME
County	HREPORT_UNIV5.LOCATION_COUNTY_NAME
(Handler ID)	CMECOMP3.HANDLER_ID
City	HREPORT_UNIV5.LOCATION_CITY
State District	HREPORT_UNIV5.STATE_DISTRICT
Bankruptcy Code	HREPORT_UNIV5.ACCESSIBILITY
State ID	HOTHER_ID5.OTHER_ID
Eval Start Date	CMECOMP3.EVAL_START_DATE
Evl Agcy	CMECOMP3.EVAL_AGENCY
Evl Typ	CMECOMP3.EVAL_TYPE
Focus Area	CMECOMP3.FOCUS_AREA
Evl Per	CMECOMP3.EVAL_RESPONSIBLE_PERSON
Cit Compl	CMECOMP3.CITIZEN_COMPLAINT
Mlti Media	CMECOMP3.MULTIMEDIA_INSPECTION
Sampling	CMECOMP3.SAMPLING
Not Sub C	CMECOMP3.NOT_SUBTITLE_C
Citation	CCITATION3.CITATION
Determined Date	CMECOMP3.DETERMINED_DATE
Viol Seq	CMECOMP3.VIOL_SEQ
Viol Type	CMECOMP3.VIOL_TYPE
Compl Sched Date	CMECOMP3.SCHEDULED_COMPLIANCE_DATE
Days Not RTC	SYSDATE - CMECOMP3.EVAL_START_DATE
Enforcement Action Date	CMECOMP3.ENF_ACTION_DATE
Enf Type	CMECOMP3.ENF_TYPE
Enf Agency	CMECOMP3.ENF_AGENCY
Enf Per	CMECOMP3.ENF_RESPONSIBLE_PERSON

e-Manifest

DESIGNATED FACILITIES WITH DELINQUENT SIGNATURES REPORT

REPORT DESCRIPTION

This report shows designated facilities (i.e., receiving facilities) that have manifests that have not been certified within the specified number of days. The report shows the Designated Facility Name and ID followed by the signatory authorities (i.e., industry users that have site manager or certifier permissions for the e-Manifest module and have an approved electronic signature agreement) for that site. Finally, the report shows the manifests that exceed the threshold specified. Manifests that exceed the specified threshold but were received within the past 30 days are marked with two asterisks ('**') to indicate that they are not yet delinquent.

View Sample Report (in PDF format)

SELECT LOGIC

This report selects all records from the Manifest Table and Industry Permissions View where:

- the manifest has not been certified (certified_date is null)
- meets the user-selected criteria

View Primary SQL (in PDF format)

SELECTION CRITERIA

Search Element	Values	Default Value	Required
Location	List of States, Regions, and National	Your Profile State	Yes
Number of Delinquent Days	Valid Integer	30	Yes

REPORT HEADINGS

Heading	Data Source
Region	LU_STATE.REGION
(State Name)	MMANIFEST.DES_FAC_LOCATION_STATE
(Handler Name)	MMANIFEST.DES_FACILITY_NAME
(Handler ID)	MMANIFEST.DES_FACILITY_ID
Certifier Name	INDUSTRY_PERMISSIONS_VIEW.FIRST_NAME

	INDUSTRY_PERMISSIONS_VIEW.LAST_NAME
Site Manager?	INDUSTRY_PERMISSIONS_VIEW.SITE_MANAGER_PERMISSION
Email Address	INDUSTRY_PERMISSIONS_VIEW.EMAIL
Phone Number	INDUSTRY_PERMISSIONS_VIEW.PHONE INDUSTRY_PERMISSIONS_VIEW.PHONE_EXTENSION
Manifest Tracking Number	MMANIFEST.MANIFEST_TRACKING_NUMBER
Generator ID	MMANIFEST.GENERATOR_ID
Generator Name	MMANIFEST.GENERATOR_NAME
Shipped Date	MMANIFEST.SHIPPED_DATE
Received Date	MMANIFEST.RECEIVED_DATE

MANIFEST FACILITIES NOT IN RCRAINFO OR INFORMATION HAS BEEN MODIFIED REPORT

REPORT DESCRIPTION

This report shows generator or designated facilities identified on the manifest that are not in RCRAInfo or whose information (name, location address, and/or mailing address) has been modified on the manifest. The report shows the Handler Type (Generator or Designated Facility), Handler ID, Manifest Count (the number of manifests for this handler that meets the selection criteria provided), and the Name, Location Address, and Mailing Address both as it appears on the manifest and the current values within RCRAInfo. The Manifest Count is hyperlinked to allow the user to "drill down" to see the individual manifests.

View Sample Report (in PDF format)

SELECT LOGIC

This report selects all records from the Manifest Table where:

- meets the user-selected criteria

Join the Transporter Table on Manifest ID to get the transporter ID.

Join the Handler Reporting Table on Handler ID.

View Primary SQL (in PDF format)

SELECTION CRITERIA

Search Element	Values	Default Value	Required
Location	List of States	Your Profile State	Yes
Handler Name	User Specified	Null	No
Handler ID	User Specified	Null	No
Location Street	User Specified	Null	No
Location City	User Specified	Null	No
Location Zip Code	User Specified	Null	No
Date Range Type	• Shipped Date • Received Date • Certified Date • Last Updated	Null	Yes

Date Range	• Last 30 Days • Last 90 Days • Last 180 Days • Custom	Null	Yes
Start Date	Valid date	06/30/2018	Yes, if Date Range = Custom
End Date	Valid date	Today	Yes, if Date Range = Custom
Report Filter	• Did Not Notify • Site Was Modified	Did Not Notify and Site Was Modified	Yes
Origin Type	• Web • Mail • Service	Null	No
Submission Type	• Hybrid • Image Only • Fully Electronic • Data + Image	Null	No
Extract Flag	• Include All Sites • Only Public Sites • Only non-Public Sites	Include All Sites	Yes
Sort	• Handler Name, Handler ID • Handler ID • City, Street Number, Street Name • City Handler Name • Zip Code, Handler Name • Zip Code, City, Handler Name	Handler Name, Handler ID	Yes

REPORT HEADINGS

Heading	Data Source
Handler Type	"Generator" or "Des. Facility"
Handler ID	MMANIFEST.GENERATOR_ID or MMANIFEST.DES_FACILITY_ID
Man. Cnt	COUNT DISTINCT MMANIFEST.MANIFEST_TRACKING_NUMBER
Manifest Name	MMANIFEST.GENERATOR_NAME or MMANIFEST.DES_FACILITY_NAME

RCRAInfo Name	HREPORT_UNIV5.HANDLER_NAME
Extract to Public	HREPORT_UNIV5.EXTRACT_FLAG
Address Type	"Manifest Location"
Street 1	MMANIFEST.GENERATOR_LOCATION_STREET_NO MMANIFEST.GENERATOR_LOCATION_STREET1 or MMANIFEST.DES_FACILITY_LOCATION_STREET_NO MMANIFEST.DES_FACILITY_LOCATION_STREET1
Street 2	MMANIFEST.GENERATOR_LOCATION_STREET2 or MMANIFEST.DES_FACILITY_LOCATION_STREET2
City	MMANIFEST.GENERATOR_LOCATION_CITY or MMANIFEST.DES_FACILITY_LOCATION_CITY
State	MMANIFEST.GENERATOR_LOCATION_STATE or MMANIFEST.DES_FACILITY_LOCATION_STATE
Zip	MMANIFEST.GENERATOR_LOCATION_ZIP or MMANIFEST.DES_FACILITY_LOCATION_ZIP
Address Type	"RCRAInfo Location"
Street 1	HREPORT_UNIV5.LOCATION_STREET_NO HREPORT_UNIV5.LOCATION_STREET1
Street 2	HREPORT_UNIV5.LOCATION_STREET2
City	HREPORT_UNIV5.LOCATION_CITY
State	HREPORT_UNIV5.LOCATION_STATE
Zip	HREPORT_UNIV5.LOCATION_ZIP
Address Type	"Manifest Mailing"
Street 1	MMANIFEST.GENERATOR_MAIL_STREET_NO MMANIFEST.GENERATOR_MAIL_STREET1 or MMANIFEST.DES_FACILITY_MAIL_STREET_NO MMANIFEST.DES_FACILITY_MAIL_STREET1
Street 2	MMANIFEST.GENERATOR_MAIL_STREET2 or MMANIFEST.DES_FACILITY_MAIL_STREET2
City	MMANIFEST.GENERATOR_MAIL_CITY or MMANIFEST.DES_FACILITY_MAIL_CITY
State	MMANIFEST.GENERATOR_MAIL_STATE or MMANIFEST.DES_FACILITY_MAIL_STATE
Zip	MMANIFEST.GENERATOR_MAIL_ZIP or MMANIFEST.DES_FACILITY_MAIL_ZIP
Address Type	"RCRAInfo Mailing"
Street 1	HREPORT_UNIV5.MAIL_STREET_NO HREPORT_UNIV5.MAIL_STREET1
Street 2	HREPORT_UNIV5.MAIL_STREET2
City	HREPORT_UNIV5.MAIL_CITY
State	HREPORT_UNIV5.MAIL_STATE

Zip	HREPORT_UNIV5.MAIL_ZIP

MANIFEST INSPECTORS REPORT

REPORT DESCRIPTION

This report shows facility, manifest, and waste line information for manifests meeting the user selected criteria. The user must specify the entity type (generator, initial transporter, designated facility, or alternate designated facility), handler id, and a date range for either the shipped, received, certified, or last updated date. Optionally, the user may also specify one or more manifest status or select a single waste code. ***Note: If a manifest has more than one waste line, only the waste lines containing the specified waste code will be reported.***

The report shows handler information (name, id, location address, and mailing address), manifest information (manifest tracking number, shipped date, received date, generator, initial transporter, designated facility, and alternate designated facility) and waste line information (waste line number, DOT printed information [or non-hazardous waste description], number of containers, container type, waste codes, management method, and quantity of acute waste, non-acute waste, and total waste [in tons]). The report also shows the total quantity of hazardous waste for acute and non-acute and the total waste for acute and non-acute by manifest and handler.

View Sample Report (in PDF format)

SELECT LOGIC

This report selects all records from the Manifest Table where:

- the manifest status = 'Signed', 'Scheduled', 'ReadyForSignature', 'Corrected', or 'InTransit'
- meets the user-selected criteria

View Primary SQL (in PDF format)

SELECTION CRITERIA

Search Element	Values	Default Value	Required
Handler ID	User Specified	Null	Yes
Entity Type	• Generator • Initial Transporter • Designated Facility • Alternate Designated Facility	Null	Yes

Date Range Type	• Shipped Date • Received Date • Certified Date • Last Updated	Null	Yes
Date Range	• Last 30 Days • Last 90 Days • Last 180 Days • Custom	Null	Yes
Start Date	Valid date	06/30/2018	Yes, if Date Range = Custom
End Date	Valid date	Today	Yes, if Date Range = Custom
Hazardous Waste Codes (Federal)	List of Federal Waste Codes	Null	No
Hazardous Waste Codes (State)	List of State Waste Codes associated with the State of the Handler ID	Null	No

REPORT HEADINGS

Heading	Data Source
(Handler Name)	MMANIFEST.GENERATOR_NAME or MTRANSPORTER.TRANSPORTER_NAME or MMANIFEST.DES_FACILITY_NAME or MREJECTION.ALT_FACILITY_ID
(Handler ID)	MMANIFEST.GENERATOR_ID or MTRANSPORTER.TRANSPORTER_ID or MMANIFEST.DES_FACILITY_ID or MREJECTION.ALT_FACILITY_ID
Site Address	MMANIFEST.LOCATION_STREET_NO MMANIFEST.LOCATION_STREET1 MMANIFEST.LOCATION_STREET2 MMANIFEST.LOCATION_CITY MMANIFESTLOCATION_STATE MMANIFEST.LOCATION_ZIP
Mailing Address	MMANIFEST.MAIL_STREET_NO MMANIFEST.MAIL_STREET1 MMANIFEST.MAIL_STREET2 MMANIFEST.MAIL_CITY MMANIFEST.MAIL_STATE MMANIFEST.MAIL_ZIP
Manifest Tracking Number	MMANIFEST.MANIFEST_TRACKING_NUMBER
Shipped Date	MMANIFEST.SHIPPED_DATE

Received Date	MMANIFEST.RECEIVED_DATE
Type	MMANIFEST.SUBMISSION_TYPE
Status	MMANIFEST.STATUS
Generator	MMANIFEST.GENERATOR_ID
Transporter 1	MTRANSPORTER.TRANSPORTER_ID
Designated Facility	MMANIFEST.DES_FACILITY_ID
Alternate Facility	MREJECTION.ALT_FACILITY_ID
Waste Line	MWASTE_LINE.WASTE_LINE_NUMBER MWASTE_LINE.DOT_HAZARDOUS
DOT Printed Information / Non-Hazardous Waste Description	MWASTE_LINE.DOT_PRINTED_INFORMATION or MWASTE_LINE.NON_HAZ_WASTE_DESCRIPTION
# of Containers	MWASTE_LINE.CONTAINER_NUMBER
Cont. Type	MWASTE_LINE.CONTAINER_TYPE_CODE
Mgmt Mthd	MWASTE_LINE.MANAGEMENT_METHOD_CODE
Acute	MWASTE_LINE.QUANTITY_ACUTE_TONS
Non-Acute	MWASTE_LINE.QUANTITY_NON_ACUTE_TONS
Total	MWASTE_LINE.QUANTITY_TONS
Waste Codes	MFEDERAL_WASTE_CODE.FEDERAL_WASTE_CODE MSTATE_WASTE_CODE.STATE_WASTE_CODE_OWNER MSTATE_WASTE_CODE.STATE_WASTE_CODE

MANIFEST WASTE SHIPMENT REPORT (SUMMARY)

REPORT DESCRIPTION

This report shows information for each handler with manifests meeting the user-selected criteria. The user must specify the entity type (generator, initial transporter, designated facility, or alternate designated facility), location, and a date range for either the shipped date or received date. Optionally, the user may also select a single waste code. ***Note: The quantities reported are for manifests meeting the criteria. If you specify a waste code, the quantities reported may include waste lines that do not contain the waste code specified.***

The report shows the handler name, id, location address, number of manifests, quantity of acute waste (in tons), quantity of non-acute waste (in tons), and total quantity of waste (in tons). The report also shows totals by report. The Number of Manifests is hyperlinked to allow the user to "drill down" to see the individual manifests.

View Sample Report (in PDF format)

SELECT LOGIC

This report selects all records from the e-Manifest Reporting View where:

- meets the user-selected criteria

View Primary SQL (in PDF format)

SELECTION CRITERIA

Search Element	Values	Default Value	Required
Location	List of States	Your Profile State	Yes
Entity Type	• Generator • Initial Transporter • Designated Facility • Alternate Designated Facility	Null	Yes
Date Range Type	• Shipped Date • Received Date	Null	Yes
Date Range	• Last 30 Days • Last 90 Days • Last 180 Days	Null	Yes

	• Custom		
Start Date	Valid date	06/30/2018	Yes, if Date Range = Custom
End Date	Valid date	Today	Yes, if Date Range = Custom
Hazardous Waste Codes (Federal)	List of Federal Waste Codes	Null	No
Hazardous Waste Codes (State)	List of State Waste Codes associated with the State selected in Location	Null	No
Sort	• Handler Name, Handler ID • Handler ID • City, Street Number, Street Name • City Handler Name • Zip Code, Handler Name • Zip Code, City, Handler Name	Handler Name, Handler ID	Yes

REPORT HEADINGS

Heading	Data Source
Handler ID	MMANIFEST.GENERATOR_ID or MTRANPORTER.TRANSPORTER_ID or MMANIFEST.DES_FACILITY_ID or MREJECTION.ALT_FACILITY_ID
Handler Name	MMANIFEST.GENERATOR_NAME or MTRANPORTER.TRANSPORTER_NAME or MMANIFEST.DES_FACILITY_NAME or MREJECTION.ALT_FACILITY_NAME
Street	MMANIFEST.GENERATOR_LOCATION_STREET_NO, GENERATOR_LOCATION_STREET1, and GENERATOR_LOCATION_STREET2 or MMANIFEST.DES_FAC_LOCATION_STREET_NO, DES_FAC_LOCATION_STREET1, and DES_FAC_LOCATION_STREET2 or MREJECTION.ALT_FAC_LOCATION_STREET_NO, ALT_FAC_LOCATION_STREET1, and ALT_FAC_LOCATION_STREET2
City	MMANIFEST.GENERATOR_LOCATION_CITY or MMANIFEST.DES_FAC_LOCATION_CITY or MREJECTION.ALT_FAC_LOCATION_CITY

Zip	MMANIFEST.GENERATOR_LOCATION_ZIP or MMANIFEST.DES_FAC_LOCATION_ZIP or MREJECTION.ALT_FAC_LOCATION_ZIP
No. of Manifests	COUNT(DISTINCT MMANIFEST.MANIFEST_TRACKING_NUMBER)
Quantity Acute (tons)	SUM(MWASTE_LINE..QUANTITY_ACUTE_TONS)
Quantity Non-Acute (tons)	SUM(MWASTE_LINE.QUANTITY_NON_ACUTE_TONS)
Quantity Total (tons)	SUM(QUANTITY_TONS)

MANIFEST WASTE SHIPMENT REPORT (MANIFEST DETAIL)

REPORT DESCRIPTION

This report shows information for each manifest meeting the user-selected criteria. The user must specify the entity type (generator, initial transporter, designated facility, or alternate designated facility), location, and a date range for either the shipped date or received date. Optionally, the user may also specify a last updated date or select a single waste code. The manifests reporting the waste code specified for at least one waste line will be reported. ***Note: The quantities reported are for the ENTIRE manifest, not just the waste lines that contain the waste code.***

The report shows handler information (name, id, location address, and mailing address) and manifest information (manifest tracking number, shipped date, received date, waste codes, quantity of acute waste (in tons), quantity of non-acute waste (in tons), and total quantity of waste (in tons). The report also shows totals by handler and report. The Handler ID and Manifest Tracking Number are hyperlinked to allow the user to "drill down" to see the individual waste lines (for the handler or for the manifest).

View Sample Report (in PDF format)

SELECT LOGIC

This report selects all records from the e-Manifest Reporting View where:

- meets the user-selected criteria

View Primary SQL (in PDF format)

SELECTION CRITERIA

Search Element	Values	Default Value	Required
Location	List of States	Your Profile State	Yes
Entity Type	• Generator • Initial Transporter • Designated Facility • Alternate Designated Facility	Null	Yes
Date Range Type	• Shipped Date • Received Date	Null	Yes
Date Range	• Last 30 Days	Null	Yes

	• Last 90 Days • Last 180 Days • Custom		
Start Date	Valid date	06/30/2018	Yes, if Date Range = Custom
End Date	Valid date	Today	Yes, if Date Range = Custom
Last Updated Date	Valid date	Null	No
Hazardous Waste Codes (Federal)	List of Federal Waste Codes	Null	No
Hazardous Waste Codes (State)	List of State Waste Codes associated with the State selected in Location	Null	No
Sort	• Handler Name, Handler ID • Handler ID • City, Street Number, Street Name • City Handler Name • Zip Code, Handler Name • Zip Code, City, Handler Name	Handler Name, Handler ID	Yes

REPORT HEADINGS

Heading	Data Source
(Handler Name)	MMANIFEST.GENERATOR_NAME or MTRANSPORTER.TRANSPORTER_NAME or MMANIFEST.DES_FACILITY_NAME or MREJECTION.ALT_FACILITY_NAME
(Handler ID)	MMANIFEST.GENERATOR_ID or MTRANSPORTER.TRANSPORTER_ID or MMANIFEST.DES_FACILITY_ID or MREJECTION.ALT_FACILITY_ID
Site Address	MMANIFEST.GENERATOR_LOCATION_STREET_NO MMANIFEST.GENERATOR_LOCATION_STREET1 MMANIFEST.GENERATOR_LOCATION_STREET2 MMANIFEST.GENERATOR_LOCATION_CITY MMANIFEST.GENERATOR_LOCATION_STATE MMANIFEST.GENERATOR_LOCATION_ZIP or MMANIFEST.DES_FAC_LOCATION_STREET_NO MMANIFEST.DES_FAC_LOCATION_STREET1

	MMANIFEST.DES_FAC_LOCATION_STREET2 MMANIFEST.DES_FAC_LOCATION_CITY MMANIFEST.DES_FAC_LOCATION_STATE MMANIFEST.DES_FAC_LOCATION_ZIP or MREJECTION.ALT_FAC_LOCATION_STREET_NO MREJECTION.ALT_FAC_LOCATION_STREET1 MREJECTION.ALT_FAC_LOCATION_STREET2 MREJECTION.ALT_FAC_LOCATION_CITY MREJECTION.ALT_FAC_LOCATION_STATE MREJECTION.ALT_FAC_LOCATION_ZIP
Mailing Address	MMANIFEST.GENERATOR_MAIL_STREET_NO MMANIFEST.GENERATOR_MAIL_STREET1 MMANIFEST.GENERATOR_MAIL_STREET2 MMANIFEST.GENERATOR_MAIL_CITY MMANIFEST.GENERATOR_MAIL_STATE MMANIFEST.GENERATOR_MAIL_ZIP or MMANIFEST.DES_FAC_MAIL_STREET_NO MMANIFEST.DES_FAC_MAIL_STREET1 MMANIFEST.DES_FAC_MAIL_STREET2 MMANIFEST.DES_FAC_MAIL_CITY MMANIFEST.DES_FAC_MAIL_STATE MMANIFEST.DES_FAC_MAIL_ZIP or MREJECTION.ALT_FAC_MAIL_STREET_NO MREJECTION.ALT_FAC_MAIL_STREET1 MREJECTION.ALT_FAC_MAIL_STREET2 MREJECTION.ALT_FAC_MAIL_CITY MREJECTION.ALT_FAC_MAIL_STATE MREJECTION.ALT_FAC_MAIL_ZIP
Tracking Number	MMANIFEST.MANIFEST_TRACKING_NUMBER
Shipped	MMANIFEST.SHIPPED_DATE
Received	MMANIFEST.RECEIVED_DATE
Manifest Waste Codes	MFEDERAL_WASTE_CODE.FEDERAL_WASTE_CODE MSTATE_WASTE_CODE.STATE_WASTE_CODE
Acute (tons)	SUM(MWASTE_LINE.QUANTITY_ACUTE_TONS)
Non-Acute (tons)	SUM(MWASTE_LINE.QUANTITY_NON_ACUTE_TONS)
Total (tons)	SUM(MWASTE_LINE.QUANTITY_TONS)

*Acute Waste is defined as a waste line containing one or more of the following federal waste codes: F020, F021, F022, F023, F026, F027 or any waste code beginning with P0, P1, or P2.
**Non-Acute Waste is defined as a waste line that does not contain acute waste.

MANIFEST WASTE SHIPMENT REPORT (WASTE LINE DETAIL)

REPORT DESCRIPTION

This report shows the waste line information for each manifest meeting the user-selected criteria. The user must specify the entity type (generator, initial transporter, designated facility, or alternate designated facility), location, and a date range for either the shipped date or received date. Optionally, the user may also specify a last updated date or select a single waste code. All waste lines containing that was code will be reported. ***Note: If a manifest has more than one waste line, only the waste lines containing the specified waste code will be reported.***

The report shows handler information (name, id, location address, and mailing address) and manifest information (manifest tracking number, shipped date, received date, generator, initial transporter, designated facility, and alternate designated facility) and waste line information (waste line number, number of containers, container type, waste codes, quantity of acute waste (in tons), quantity of non-acute waste (in tons), and total quantity of waste (in tons). The report also shows totals by manifest, handler, and report.

View Sample Report (in PDF format)

SELECT LOGIC

This report selects all records from the e-Manifest Reporting View where:

- meets the user-selected criteria

View Primary SQL (in PDF format)

SELECTION CRITERIA

Search Element	Values	Default Value	Required
Location	List of States	Your Profile State	Yes
Entity Type	• Generator • Initial Transporter • Designated Facility • Alternate Designated Facility	Null	Yes
Date Range Type	• Shipped Date • Received Date	Null	Yes
Date Range	• Last 30 Days • Last 90 Days	Null	Yes

	• Last 180 Days • Custom		
Start Date	Valid date	06/30/2018	Yes, if Date Range = Custom
End Date	Valid date	Today	Yes, if Date Range = Custom
Last Update Date	Valid date	Null	No
Hazardous Waste Codes (Federal)	List of Federal Waste Codes	Null	No
Hazardous Waste Codes (State)	List of State Waste Codes associated with the State selected in Location	Null	No
Sort	• Handler Name, Handler ID • Handler ID • City, Street Number, Street Name • City Handler Name • Zip Code, Handler Name • Zip Code, City, Handler Name	Handler Name, Handler ID	Yes

REPORT HEADINGS

Heading	Data Source
(Handler Name)	MMANIFEST.GENERATOR_NAME or MTRANSPORTER.TRANSPORTER_NAME or MMANIFEST.DES_FACILITY_NAME or MREJECTION.ALT_FACILITY_NAME
(Handler ID)	MMANIFEST.GENERATOR_ID or MTRANSPORTER.TRANSPORTER_ID or MMANIFEST.DES_FACILITY_ID or MREJECTION.ALT_FACILITY_ID
Site Address	MMANIFEST.GENERATOR_LOCATION_STREET_NO MMANIFEST.GENERATOR_LOCATION_STREET1 MMANIFEST.GENERATOR_LOCATION_STREET2 MMANIFEST.GENERATOR_LOCATION_CITY MMANIFEST.GENERATOR_LOCATION_STATE MMANIFEST.GENERATOR_LOCATION_ZIP or MMANIFEST.DES_FAC_LOCATION_STREET_NO MMANIFEST.DES_FAC_LOCATION_STREET1 MMANIFEST.DES_FAC_LOCATION_STREET2

	MMANIFEST.DES_FAC_LOCATION_CITY MMANIFEST.DES_FAC_LOCATION_STATE MMANIFEST.DES_FAC_LOCATION_ZIP or MREJECTION.ALT_FAC_LOCATION_STREET_NO MREJECTION.ALT_FAC_LOCATION_STREET1 MREJECTION.ALT_FAC_LOCATION_STREET2 MREJECTION.ALT_FAC_LOCATION_CITY MREJECTION.ALT_FAC_LOCATION_STATE MREJECTION.ALT_FAC_LOCATION_ZIP
Mailing Address	MMANIFEST.GENERATOR_MAIL_STREET_NO MMANIFEST.GENERATOR_MAIL_STREET1 MMANIFEST.GENERATOR_MAIL_STREET2 MMANIFEST.GENERATOR_MAIL_CITY MMANIFEST.GENERATOR_MAIL_STATE MMANIFEST.GENERATOR_MAIL_ZIP or MMANIFEST.DES_FAC_MAIL_STREET_NO MMANIFEST.DES_FAC_MAIL_STREET1 MMANIFEST.DES_FAC_MAIL_STREET2 MMANIFEST.DES_FAC_MAIL_CITY MMANIFEST.DES_FAC_MAIL_STATE MMANIFEST.DES_FAC_MAIL_ZIP or MREJECTION.ALT_FAC_MAIL_STREET_NO MREJECTION.ALT_FAC_MAIL_STREET1 MREJECTION.ALT_FAC_MAIL_STREET2 MREJECTION.ALT_FAC_MAIL_CITY MREJECTION.ALT_FAC_MAIL_STATE MREJECTION.ALT_FAC_MAIL_ZIP
Manifest Tracking Number	MMANIFEST.MANIFEST_TRACKING_NUMBER
Shipped Date	MMANIFEST.SHIPPED_DATE
Received Date	MMANIFEST.RECEIVED_DATE
Generator	MMANIFEST.GENERATOR_ID
Transporter 1	MTRANSPORTER.TRANSPORTER_ID
Designated Facility	MMANIFEST_VIEW.DES_FACILITY_ID
Alternate Facility	MREJECTION.ALT_FACILITY_ID
Waste Line No.	MWASTE_LINE.WASTE_LINE_NUMBER
# of Containers	MWASTE_LINE.CONTAINER_NUMBER
Container Type	MWASTE_LINE.CONTAINER_TYPE_CODE
Waste Codes	MFEDERAL_WASTE_CODE.FEDERAL_WASTE_CODE MSTATE_WASTE_CODE.STATE_WASTE_CODE
Acute (tons)	SUM(MWASTE_LINE.QUANTITY_ACUTE_TONS)
Non-Acute (tons)	SUM(MWASTE_LINE.QUANTITY_NON_ACUTE_TONS)

Total (tons)	SUM(MWASTE_LINE.QUANTITY_TONS)

TRANSPORTERS WITH HIGH TRANSIT DAYS REPORT

REPORT DESCRIPTION

This report shows initial transporters that have exceeded the threshold for the number of days a hazardous waste shipment is in transit. The user specifies the threshold for the number of days as well as the number of manifests that must exceed this threshold for the transporter to be reported. The Number of Manifests is hyperlinked to allow the user to "drill down" to see the individual manifests.

View Sample Report (in PDF format)

SELECT LOGIC

This report selects all records from the ManifestTable where:

- transit days (Received Date - Shipped Date) >= user-specified minimum transit days
- meets the user-selected criteria

Join the Transporter Table on Manifest ID to get the transporter ID and transporter name.

Join the first source record (based on Received Date) from the Handler Table on Handler ID.

View Primary SQL (in PDF format)

SELECTION CRITERIA

Search Element	Values	Default Value	Required
Location	List of States	Your Profile State	Yes
Date Range Type	• Shipped Date • Received Date	Null	Yes
Date Range	• Last 30 Days • Last 90 Days • Last 180 Days • Custom	Null	Yes
Start Date	Valid date	06/30/2018	Yes, if Date Range = Custom
End Date	Valid date	Today	Yes, if Date Range = Custom
Include Manifests Not Received	Yes, No	Yes	Yes

Minimum No. of Transit Days	• 13 • 15 • 20 • 30 • 40 • 60 • 80 • 100	13	Yes
Minimum No. of Manifests	• 1 • 4 • 10 • 15 • 20 • 40	1	Yes
Sort	• Transporter ID • Transporter Name • Number of Manifests (Ascending) • Number of Manifests (Descending)	Transporter ID	Yes

REPORT HEADINGS

Heading	Data Source
Transporter ID	MTRANSPORTER.TRANSPORTER_ID
Transporter Name	MTRANSPORTER.TRANSPORTER_NAME
Number of Manifests	COUNT DISTINCT MMANIFEST.MANIFEST_TRACKING_NUMBER
Registered Date	MINIMUM (HHANDLER5.RECEIVE_DATE)

Handler

ACTIVE SHORT-TERM, EMERGENCY, AND TEMPORARY HANDLERS TICKLER REPORT

REPORT DESCRIPTION

This report shows handlers that received an EPA ID for either an emergency or short-term situation, but are still active.

View Sample Report (in PDF format)

SELECT LOGIC

This report selects all records from the Handler Reporting Table where:

- Active Site is not equal to '-----'
- meets the user-selected criteria

View Primary SQL (in PDF format)

SELECTION CRITERIA

Search Element	Values	Default Value	Required
Location	List of States, Regions, and National	Your Profile State	Yes
Short-Term Type	• Any Type • Emergency • Temporary • Short-term Generator	Null	Yes
Sort Order	• Region, State, Handler Name • Region, State, Handler ID • Region, State, Source Type • Region, State, Days Elapsed	Region, State, Handler Name	Yes

REPORT HEADINGS

Note: headings in parentheses ( ) are implied and do not appear on the report.

Heading	Data Source
(Region)	HREPORT_UNIV5.REGION
(State)	HREPORT_UNIV5.STATE
Handler ID	HREPORT_UNIV5.HANDLER_ID
Handler Name	HREPORT_UNIV5.HANDLER_NAME
Short Term Gen	HREPORT_UNIV5.SHORT_TERM_GENERATOR
Source Type	HREPORT_UNIV5.SOURCE_TYPE
Receive Date	HREPORT_UNIV5.RECEIVE_DATE
Days Elapsed	SYSDATE - HREPORT_UNIV5.RECEIVE_DATE

COUNTS OF REGULATED HANDLERS BY REGION REPORT

REPORT DESCRIPTION

This report provides the number of handlers that are Operating TSDFs, Large Quantity Generators (LQGs), Small Quantity Generators (SQGs), Conditionally-Exempt Small Quantity Generators (CESQGs), or Other by EPA Region. The Region Number is hyperlinked to allow the user to "drill down" to see the handler counts by State.

The handler counts are hierarchical, that is, if a handler is both a TSDF and an LQG, the handler is counted as a TSDF only. The hierarchical order of the universes are as follows: Operating TSDFs, LQGs, SQGs, CESQGs, and Other.

View Sample Report (in PDF format)

SELECT LOGIC

This report selects all records from the Handler Reporting Table where:

- the first two-characters of the Handler ID equals the Activity Location
- meets the user-selected criteria

View Primary SQL (in PDF format)

SELECTION CRITERIA

Search Element	Values	Default Value	Required
Region	List of Regions and National	Null	Yes

REPORT HEADINGS

Heading	Data Source
Region	HREPORT_UNIV5.REGION
TSDF	Calculated as the number of handlers where: SUBSTR(HREPORT_UNIV5.OPERATING_TSDF,1,5) <> '-----'
LQG	Calculated as the number of handlers where: SUBSTR(HREPORT_UNIV5.OPERATING_TSDF,1,5) = '-----' AND HREPORT_UNIV5.GENSTATUS = 'LQG'

SQG	Calculated as the number of handlers where: SUBSTR(HREPORT_UNIV5.OPERATING_TSDF,1,5) = '-----' AND HREPORT_UNIV5.GENSTATUS = 'SQG'
CESQG	Calculated as the number of handlers where: SUBSTR(HREPORT_UNIV5.OPERATING_TSDF,1,5) = '-----' AND HREPORT_UNIV5.GENSTATUS = 'CEG'
Other	Calculated as the number of handlers where: SUBSTR(HREPORT_UNIV5.OPERATING_TSDF,1,5) = '-----' AND HREPORT_UNIV5.GENSTATUS = 'N' AND IN_A_UNIVERSE = 'Y'
Total	TSDF + LQG + SQG + CESQG + Other (see calculations above)

GENERAL HANDLER REPORT

REPORT DESCRIPTION

The report lists the most recent location and contact information for each source type for handlers that meet the user selection criteria. TSD, Generator, and Transporter Status are also listed. The report shows the standard suite of handler universes.

View Sample Report (in PDF format)

SELECT LOGIC

This report selects all records from the Handler Reporting Table where:

- the first two-characters of the Handler ID equals the Activity Location
- meets the user-selected criteria

Join the State Activity Table on Handler ID, Activity Location, Source Type, and Sequence Number.

View Primary SQL (in PDF format)

SELECTION CRITERIA

Search Element	Values	Default Value	Required
Location	List of States and Regions	Your Profile State	Yes, if Group of IDs is not selected
Handler Name	User Specified	Null	No
Handler ID	User Specified	Null	No
County	List of County Names based on Location State	Null	No
State District	List of State District Codes based on Location State	Null	No
Location Zip Code	User Specified	Null	No
Group of IDs	List of Saved Groups	Null	No
Handler Universe	• Federal Generator ▪ Any ▪ Large Quantity Generator ▪ Small Quantity Generator	Null	No

	▪ Conditionally Exempt Small Quantity Generator • State Generator ▪ (State-defined values) • Short-term Generator • Importer • Mixed Waste Generator • Transporter ▪ Any Transporter ▪ Transporter Facility ▪ Transfer Facility • Operating TSD ▪ Any TSD ▪ Commercial ▪ Non-Commercial ▪ Land Disposal ▪ Incinerator ▪ BIF ▪ Storage ▪ Treatment ▪ SWM • Full Enforcement ▪ Any Full Enforcement ▪ Land Disposal ▪ Incinerator ▪ BIF ▪ Storage ▪ Treatment ▪ SWM • Recycler • Exempt Boiler and/or Industrial Furnace ▪ Any BIF ▪ Small Quantity On-site Burner Exemption ▪ Smelting, Melting, and Refining Furnace Exemption • Universal Waste		

	▪ Any Universal Waste ▪ Large Quantity Handler of Universal Waste ▪ Destination Facility • Used Oil ▪ Any Used Oil ▪ Transporter ▪ Transfer Facility ▪ Processor ▪ Re-Refiner ▪ Off-specification Burner ▪ Fuel Marketer to Burner ▪ Specification Marketer • Subpart K ▪ Any Entity Opting In ▪ College ▪ Hospital ▪ Nonprofit ▪ Withdrawal • Hazardous Secondary Materia ▪ Opting In ▪ Withdrawal • Active Status ▪ Any Active Status ▪ Handler ▪ Permit ▪ Corrective Action ▪ Converter ▪ State-Specific ▪ Not Active		

REPORT HEADINGS

Note: headings in parentheses ( ) are implied and do not appear on the report.

Heading	Data Source
(State)	HBASIC.STATE

(Region)	HBASIC.REGION
Handler ID	HBASIC.HANDLER_ID
Handler Name	HBASIC.HANDLER_NAME
Location Address	HREPORT_UNIV5.LOCATION_STREET_NO, HREPORT_UNIV5.LOCATION_STREET1, HREPORT_UNIV5.LOCATION_STREET2
Location City, State, Zip	HREPORT_UNIV5.LOCATION_CITY HREPORT_UNIV5.LOCATION_STATE HREPORT_UNIV5.LOCATION_ZIP
State District	HREPORT_UNIV5.STATE_DISTRICT
County	HREPORT_UNIV5.LOCATION_COUNTY_NAME
Contact Type	HHANDLER5.SOURCE_TYPE
Contact Name(s)	HHANDLER5.CONTACT_LAST_NAME HHANDLER5.CONTACT_FIRST_NAME HHANDLER5.CONTACT_MIDDLE_INITIAL HHANDLER5.CONTACT_TITLE
Contact Address	HHANDLER5.CONTACT_STREET_NO HHANDLER5.CONTACT_STREET1 HHANDLER5.CONTACT_STREET2
Contact City, State, Zip	HHANDLER5.CONTACT_CITY HHANDLER5.CONTACT_STATE HHANDLER5.CONTACT_ZIP HHANDLER5.CONTACT_COUNTRY
Contact Phone / Fax / Email	HHANDLER5.CONTACT_PHONE HHANDLER5.CONTACT_PHONE_EXT HHANDLER5.CONTAcT_FAX HHANDLER5.CONTACT_EMAIL_ADDRESS
State Activity	HSTATE_ACTIVITY5.ACTIVITY_TYPE HSTATE_ACTVITY5.ACTIVITY_DESC
Universes	See the Standard Suite of Handler Universes

HISTORY OF ACTIVITY REPORT

REPORT DESCRIPTION

This report lists handler activity history in the specified date range for handlers that meet the user selection criteria. The activity detail listed is TSD Activity, Federal Generator Status, State Generator Status, Transporter Status, and Transfer Facility Status. The user may specify two additional activities to be displayed on the report.

View Sample Report (in PDF format)

SELECT LOGIC

This report selects all records from the Handler Reporting Table where:

- the first two-characters of the Handler ID equals the Activity Location
- meets the user-selected criteria (except the Received Date Range)

Join the Handler Table on Handler ID and Activity Location where:

- the Receive Date is on or after the Date From and on or before the Date To provided by the user

View Primary SQL (in PDF format)

SELECTION CRITERIA

Search Element	Values	Default Value	Required
Location	List of States, Regions, and National	Your Profile State	Yes, if Group of IDs is not selected
Handler Name	User Specified	Null	No
Handler ID	User Specified	Null	No
County	List of County Names based on Location State	Null	No
State District	List of State District Codes based on Location State	Null	No
Location Street	User Specified	Null	No
Location City	User Specified	Null	No
Location Zip Code	User Specified	Null	No
NAICS	Valid numeric value	Null	No
Group of IDs	List of Saved Groups	Null	No

Received Date Range	Valid date no earlier than 10/1/1980 and no later than today	10/1/1980 - Today	Yes
Handler Universe	• Federal Generator ▪ Any ▪ Large Quantity Generator ▪ Small Quantity Generator ▪ Conditionally Exempt Small Quantity Generator • State Generator ▪ (State-defined values) • Short-term Generator • Importer • Mixed Waste Generator • Transporter ▪ Any Transporter ▪ Transporter Facility ▪ Transfer Facility • Operating TSD ▪ Any TSD ▪ Commercial ▪ Non-Commercial ▪ Land Disposal ▪ Incinerator ▪ BIF ▪ Storage ▪ Treatment ▪ SWM • Full Enforcement ▪ Any Full Enforcement ▪ Land Disposal ▪ Incinerator ▪ BIF ▪ Storage ▪ Treatment ▪ SWM • Recycler	Null	No

	• Exempt Boiler and/or Industrial Furnace ▪ Any BIF ▪ Small Quantity On-site Burner Exemption ▪ Smelting, Melting, and Refining Furnace Exemption • Universal Waste ▪ Any Universal Waste ▪ Large Quantity Handler of Universal Waste ▪ Destination Facility • Used Oil ▪ Any Used Oil ▪ Transporter ▪ Transfer Facility ▪ Processor ▪ Re-Refiner ▪ Off-specification Burner ▪ Fuel Marketer to Burner ▪ Specification Marketer • Subpart K ▪ Any Entity Opting In ▪ College ▪ Hospital ▪ Nonprofit ▪ Withdrawal • Hazardous Secondary Materia ▪ Opting In ▪ Withdrawal • Active Status ▪ Any Active Status ▪ Handler ▪ Permit ▪ Corrective Action ▪ Converter		

	▪ State-Specific ▪ Not Active		
Sort	• Handler Name, Handler ID • Handler ID • City, Street Number, Street Name • City Handler Name • County, Handler Name • Zip Code, Handler Name • County, City, Handler Name • State District, Handler Name • State District, Handler ID • State District, City, Street Number, Street Name • State District, City, Handler Name • State District, County, Handler Name • State District, Zip Code, Handler Name • State District, County, City, Handler Name	Handler Name, Handler ID	Yes
Output	• PDF • Delimited Text File	PDF	Yes

REPORT HEADINGS

Note: headings in parentheses ( ) are implied and do not appear on the report.

Heading	Data Source
(State)	HREPORT_UNIV5.STATE
(Region)	HREPORT_UNIV5.REGION
Handler ID	HREPORT_UNIV5..HANDLER_ID
Handler Name	HREPORT_UNIV5.HANDLER_NAME
Location Address	HREPORT_UNIV5.LOCATION_STREET_NO,

	HREPORT_UNIV5.LOCATION_STREET1, HREPORT_UNIV5.LOCATION_STREET2
Location City, State, Zip	HREPORT_UNIV5.LOCATION_CITY HREPORT_UNIV5.LOCATION_STATE HREPORT_UNIV5.LOCATION_ZIP
County	HREPORT_UNIV5.LOCATION_COUNTY_NAME
State District	HREPORT_UNIV5.STATE_DISTRICT
Receive Date	HHANDLER5.RECEIVE_DATE
Source Type	HHANDLER5.SOURCE_TYPE
Oper. TSDF	HHANDLER5.TSD_ACTIVITY
Fed Gen Status	HHANDLER5.FED_WASTE_GENERATOR
State Gen Status	HHANDLER5.STATE_WASTE_GENERATOR
Transporter	HHANDLER5.TRANSPORTER
Transfer Facility	HHANDLER5.TRANSFER_FACILITY

RCRA SITE DETAIL REPORT

REPORT DESCRIPTION

The RCRA Site Detail Report provides "all available details" from the Handler Module and summarized information from the Waste Activity Monitoring Module for a single RCRA site. The report integrates National Biennial RCRA Hazardous Waste Report data with Site Identification data.

Details reported about the RCRA site include basic Handler Module information; the standard suite of universes; information about each source record received for the site, including basic information, location and mailing address, source record and permit contact person (including historical records), list of NAICS codes, and complete list of regulated waste activities; and summarized National Biennial RCRA Hazardous Waste Report information by reporting cycle, including quantity totals (generated, managed, shipped, and received), and top ten GM forms by quantity generated. The top ten GM form list shows the waste description, quantities, on-site and off-site system types, and EPA and State waste codes.

Information listed for the RCRA site can be limited by latest historical information and most recent BR cycle.

Data is sorted by the most recent Received Date. If more than one record has the same Received Date, the data is sorted by Source Type (I-Implementer, N-Notification; B-Biennial Report with Subsequent Notification, R-Biennial Report, A-Part A, D-Deactivation, K-Manifest Broker, T-Temporary, E-Emergency).

View Sample Report (in PDF format)

SELECT LOGIC

This report selects all records from the Handler Reporting Table where:

- the Source Type does not equal 'O'
- Handler ID equals the user-specified Handler ID

This report also selects all records from the Handler Table, Owner/Operator Table, NAICS Table, Other ID Table, Universal Waste Table, Other Permit Table, Waste Code Table, Hazardous Secondary Material Table, HSM Activity Table, HSM Waste Code Table, HSM Recycler Table, and Part A Table where:

- Handler ID equals the user-specified Handler ID

If the user selects to provide Biennial Report Information, this report selects all records from the Biennial Report Reporting Table, Biennial Report Generation and Management Table, and Biennial Report Generation and Management Waste Code Table where:

- Handler ID equals the user-specified Handler ID

View Primary SQL (in PDF format)

SELECTION CRITERIA

Search Element	Values	Default Value	Required
Handler ID	List of States and Regions	Null	Yes
History	• All records • Latest info per source	All records	Yes
BR Cycle(s)	• Show all BR information • Show no BR information	Show all BR information	Yes
Include Notes	• Yes • No	No	Yes

REPORT HEADINGS

Notes:

- **headings in parentheses ( ) are implied and do not appear on the report.**
- **headings or data sources followed by an asterisk (*) are suppressed when there is no data to report.**

Heading	Data Source
(Handler ID)	HBASIC.HANDLER_ID
(Handler Name)	HBASIC.HANDLER_NAME
EPA Region	HBASIC.REGION
Extract Flag	HBASIC.EXTRACT_FLAG
County	HREPORT_UNIV5.LOCATION_COUNTY_NAME
State District	HREPORT_UNIV5.STATE_DISTRICT
Basic Notes*	HBASIC.NOTES
Previous Handler IDs	HPREVIOUS_ID.PREVIOUS_ID
Universes	See the Standard Suite of Handler Universes
Receive Date	HHANDLER5.RECEIVE_DATE
Source Type	HHANDLER5.SOURCE_TYPE

Handler Sequence Number	HHANDLER5.SEQ_NUMBER
Report Cycle*	HHANDLER5.REPORT_CYCLE
Other/Previous Site Name*	HHANDLER5.HANDLER_NAME
Other/Secondary ID*	HOTHER_ID5.OTHER_ID
Location Address	HHANDLER5.LOCATION_STREET_NO* HHANDLER5.LOCATION_STREET1 HHANDLER5.LOCATION_STREET2* HHANDLER5.LOCATION_CITY HHANDLER5.LOCATION_STATE HHANDLER5.LOCATION_ZIP HHANDLER5.LOCATION_COUNTRY
Mailing Address	HHANDLER5.MAIL_STREET_NO* HHANDLER5.MAIL_STREET1* HHANDLER5.MAIL_STREET2* HHANDLER5.MAIL_CITY* HHANDLER5.MAIL_STATE* HHANDLER5.MAIL_ZIP* HHANDLER5.MAIL_COUNTRY*
Contact Person for Source Information	HHANDLER5.CONTACT_FIRST_NAME* HHANDLER5.CONTACT_MIDDLE_INITIAL* HHANDLER5.CONTACT_LAST_NAME* HHANDLER5.CONTACT_PHONE* HHANDLER5.CONTACT_PHONE_EXT* HHANDLER5.CONTACT_EMAIL_ADDRESS* HHANDLER5.CONTACT_STREET_NO* HHANDLER5.CONTACT_STREET1* HHANDLER5.CONTACT_STREET2* HHANDLER5.CONTACT_CITY* HHANDLER5.CONTACT_STATE* HHANDLER5.CONTACT_ZIP* HHANDLER5.CONTACT_COUNTRY*
Contact Person for Part A Application Information	HPART_A5.PCONTACT_FIRST_NAME* HPART_A5.PCONTACT_MIDDLE_INITIAL* HPART_A5.PCONTACT_LAST_NAME* HPART_A5.PCONTACT_PHONE* HPART_A5.PCONTACT_PHONE_EXT* HPART_A5.PCONTACT_ EMAIL_ADDRESS* HPART_A5.PCONTACT_STREET_NO* HPART_A5.PCONTACT_STREET1* HPART_A5.PCONTACT_STREET2* HPART_A5.PCONTACT_CITY* HPART_A5.PCONTACT_STATE* HPART_A5.PCONTACT_ZIP* HPART_A5.PCONTACT_COUNTRY*
(Owner/Operator Information)*	HOWNER_OPERATOR5.OWNER_OPERATOR_NAME HOWNER_OPERATOR5.DATE_BECAME_CURRENT

Owner (current) *Owner (previous)* *Operator (current)* *Operator (previous)*	HOWNER_OPERATOR5.STREET_NO* HOWNER_OPERATOR5.STREET1* HOWNER_OPERATOR5.STREET2* HOWNER_OPERATOR5.CITY* HOWNER_OPERATOR5.STATE* HOWNER_OPERATOR5.ZIP* HOWNER_OPERATOR5.COUNTRY* HOWNER_OPERATOR5.OWNER_OPERATOR_TYPE HOWNER_OPERATOR5.PHONE HOWNER_OPERATOR5.PHONE_EXT HOWNER_OPERATOR5.EMAIL
Public Notes*	HOWNER_OPERATOR5.PUBLIC_NOTES
Internal Notes*	HOWNER_OPERATOR5.NOTES
Land Type	HHANDLER5.LAND_TYPE
Non-Notifier	HHANDLER5.NON_NOTIFIER
TSD Date	HPART_A5.TSD_DATE
Accessibility	HHANDLER5.ACCESSIBILITY
NAICS Codes*	HNAICS5.NAICS_CODE
Short Term Generator*	HHANDLER5.SHORT_TERM_GENERATOR_NOTES
Public*	HHANDLER5.PUBLIC_NOTES
Internal*	HHANDLER5.NOTES
Hazardous Waste Generator Status	HHANDLER5.FED_WASTE_GENERATOR HHANDLER5.STATE_WASTE_GENERATOR
Short Term Generator	HHANDLER5.SHORT_TERM_GENERATOR
Mixed Waste Generator	HHANDLER5.MIXED_WASTE_GENERATOR
TSD Activity	HHANDLER5.TSD_ACTIVITY
Off-Site Receipt	HHANDLER5.OFF_SITE_RECEIPT
Recycler (stores prior to recycling)	HHANDLER5.RECYCLER_ACTIVITY
Recycler (no storage prior to recycling)	HHANDLER5.RECYCLER_ACTIVITY_NONSTORAGE
Small Quantity On-site Burner Exemption	HHANDLER5.ONSITE_BURNER_EXEMPTION
Smelting, Melting, Refining Furnace Exemption	HHANDLER5.FURNACE_EXEMPTION
(Hazardous Waste Code Owner)*	HWASTE_CODE5.WASTE_CODE_OWNER
(Hazardous Waste Code)*	HWASTE_CODE5.WASTE_CODE
Transporter	HHANDLER5.TRANSPORTER
Transfer Facility	HHANDLER5.TRANSFER_FACILITY
Underground Injection Control	HHANDLER5.UNDERGROUND_INJECTION_ACTIVITY
Importer Activity	HHANDLER5.IMPORTER_ACTIVITY
Recognized Trader - Importer	HHANDLER5.RECOGNIZED_TRADER_IMPORTER
Recognized Trader - Exporter	HHANDLER5.RECOGNIZED_TRADER_EXPORTER
Spent Lead Acid Battery - Importer	HHANDLER5.SLAB_IMPORTER

Spent Lead Acid Battery - Exporter	HHANDLER5.SLAB_EXPORTER
(Universal Waste) Description*	HUNIVERSAL_WASTE5.UNIVERSAL_WASTE_TYPE
Generated*	HUNIVERSAL_WASTE5.GENERATED
Accumulated*	HUNIVERSAL_WASTE5.ACCUMULATED
Destination Facility for Universal Waste	HHANDLER5.UNIVERSAL_WASTE_DEST_FACILITY
(Used Oil) Transporter	HHANDLER5.USED_OIL_TRANSPORTER
(Used Oil) Transfer Facility	HHANDLER5.USED_OIL_TRANSFER_FACILITY
(Used Oil) Processor	HHANDLER5.USED_OIL_PROCESSOR
(Used Oil) Refiner	HHANDLER5.USED_OIL_REFINER
(Used Oil) Off-Specification Used Oil Burner	HHANDLER5.USED_OIL_FUEL_BURNER
(Used Oil) Marketer Who Directs Shipment Off-Specification Used Oil to Off-Specification Used Oil Burner	HHANDLER5.USED_OIL_MARKET_BURNER
(Used Oil) Marketer Who First Claims the Used Oil Meets the Specifications	HHANDLER5.USED_OIL SPEC_MARKETER
(Subpart P) Healthcare Facility*	HHANDLER5.SUBPART_P_HEALTHCARE
(Subpart P) Reverse Distributor*	HHANDLER5.SUBPART_P_REVERSE_DISTRIBUTOR
(Subpart P) Withdrawal*	HHANDLER5.SUBPART_P_WITHDRAWAL
(Subpart K) College/University*	HHANDLER5.SUBPART_K_COLLEGE
(Subpart K) Teaching Hospital*	HHANDLER5.SUBPART_K_HOSPITAL
(Subpart K) Non-profit Research Institute*	HHANDLER5.SUBPART_K_NONPROFIT
(Subpart K) Withdrawal	HHANDLER5.WITHDRAWAL
Spent Lead Acid Battery - Exporter	HHANDLER5.SLAB_EXPORTER
Episodic Generation Event*	HEPISODIC_EVENT.EPISODIC_EVENT_TYPE
(Episodic Generation) Emergency Contact Phone*	HEPISODIC_EVENT.EMERG_CONTACT_PHONE HEPISODIC_EVENT.EMERG_CONTACT_PHONE_EXT
(Episodic Generation) Emergency Contact Name*	HEPISODIC_EVENT.EMERG_CONTACT_FIRST_NAME HEPISODIC_EVENT.EMERG_CONTACT_MIDDLE_INITIAL HEPISODIC_EVENT.EMERG_CONTACT_LAST_NAME
(Episodic Generation) Beginning Date*	HEPISODIC_EVENT.START_DATE
(Episodic Generation) End Date*	HEPISODIC_EVENT.END_DATE
(Episodic Generation) Waste Description*	HEPISODIC_WASTE.WASTE_DESCRIPTION
(Episodic Generation) Estimated Quantity (in pounds)*	HEPISODIC_WASTE.ESTIMATED_QUANTITY
(Episodic Generation Hazardous Waste Code Owner)*	HEPISODIC_WASTE_CODE.WASTE_CODE_OWNER
(Episodic Generation Hazardous Waste Code)*	HEPISODIC_WASTE_CODE.WASTE_CODE
(LQG Consolidation) EPA ID*	HLQG_CONSOLIDATION.VSQG_HANDLER_ID
(LQG Consolidation) Name*	HLQG_CONSOLIDATION.VSQG_HANDLER_NAME

(LQG Consolidation) Contact*	HLQG_CONSOLIDATION.VSQG_CONTACT_FIRST_NAME HLQG_CONSOLIDATION.VSQG_CONTACT_MIDDLE_NAME HLQG_CONSOLIDATION.VSQG_CONTACT_LAST_NAME HLQG_CONSOLIDATION.VSQG_PHONE HLQG_CONSOLIDATION.VSQG_PHONE_EXT
(LQG Consolidation) Address*	HLQG_CONSOLIDATION.VSQG_STREET_NO HLQG_CONSOLIDATION.VSQG_STREET1 HLQG_CONSOLIDATION.VSQG_STREET2 HLQG_CONSOLIDATION.VSQG_CITY HLQG_CONSOLIDATION.VSQG_STATE HLQG_CONSOLIDATION.VSQG_ZIP HLQG_CONSOLIDATION.VSQG_EMAIL_ADDRESS
LQG Site Closure*	HLQG_CLOSURE.CLOSURE_TYPE
Expected Closure Date*	HLQG_CLOSURE.EXPECTED_CLOSURE_DATE
New Closure Date*	HLQG_CLOSURE.NEW_CLOSURE_DATE
Date Closed*	HLQG_CLOSURE.DATE_CLOSED
In Compliance*	HLQG_CLOSURE.IN_COMPLIANCE
(HSM) Reason for Notif.*	HHSM_BASIC5.REASON_FOR_NOTIFICATION
(HSM) Effective Date*	HHSM_BASIC5.EFFECTIVE_DATE
(HSM) Fin. Assurance*	HHSM_BASIC5.HSM_FA
HSM Seq. Number*	HHSM_ACTIVITY5.HSM_SEQ_NUMBER
(HSM) Facility Code*	HHSM_ACTIVITY5.FACILITY_CODE
(HSM) Estimated Tons*	HHSM_ACTIVITY5.ESTIMATE_SHORT_TONS
(HSM) Actual Tons*	HHSM_ACTIVITY5.ACTUAL_SHORT_TONS
(HSM) Land-Based Unit*	HHSM_ACTIVITY5.LAND_BASED UNIT
(HSM) Waste Code(s)*	HHSM_WASTE_CODE5.WASTE_CODE
(HSM) Indicator*	HHSM_RECYCLER.RECYCLER_INDICATOR
(HSM) Notes*	HHSM_RECYCLER.RECYCLER_NOTES
Electronic Manifest Broker*	HHANDLER5.MANIFEST_BROKER
(State Activities) Owner*	HSTATE_ACTIVITY.STATE_ACTIVITY_OWNER
(State Activities) Type*	HSTATE_ACTIVITY.STATE_ACTIVITY_TYPE
(State Activities) Description*	HSTATE_ACTIVITY.STATE_ACTIVITY_TYPE
(Other Permits) Number*	HOTHER_PERMIT5.OTHER_PERMIT_NUMBER
(Other Permits) Description*	HOTHER_PERMIT5.OTHER_PERMIT_DESC
(Other Permits) Owner*	HOTHER_PERMIT5.OTHER_PERMIT_OWNER
(Other Permits) Type*	HOTHER_PERMIT5.OTHER_PERMIT_TYPE
(Other Permits) Type Description*	HOTHER_PERMIT5.OTHER_PERMIT_TYPE
Click here for Biennial Report Detail	See the Biennial Report Comprehensive Report
Total Quantity Reported (Tons) Generated*	SUM(BR_REPORTING.GENERATION_TONS)
Total Quantity Reported (Tons) Managed*	SUM(BR_REPORTING.MANAGED_TONS)
Total Quantity Reported (Tons) Shipped*	SUM(BR_REPORTING.SHIPPED_TONS)

Total Quantity Reported (Tons) Received*	SUM(BR_REPORTING.RECEIVED_TONS)

SELECTED RCRA SITES COUNT REPORT

REPORT DESCRIPTION

Based on the mandatory selections of location (state, region, or national) and any other selection criteria provided, this report will provide the number of sites that meet the given selected criteria. By clicking the number of sites, the user can "drill down" to the corresponding list of sites.

View Sample Report (in PDF format)

SELECT LOGIC

This report selects all records from the Handler Reporting Table where:

- the first two-characters of the Handler ID equals the Activity Location
- meets the user-selected criteria

View Primary SQL (in PDF format)

SELECTION CRITERIA

Search Element	Values	Default Value	Required
Location	List of States, Regions, and National	Your Profile State	Yes, if Group of IDs is not selected
County	List of County Names based on Location State	Null	No
State District	List of State District Codes based on Location State	Null	No
Location Address	User Specified	Null	No
Location City	User Specified	Null	No
Location Zip Code	User Specified	Null	No
NAICS	Valid numeric value	Null	No
Owner / Operator	User Specified	Null	No
Group of IDs	List of Saved Groups	Null	No
Handler Universe	• Federal Generator ▪ Any ▪ Large Quantity Generator ▪ Small Quantity	Null	No

	Generator ▪ Conditionally Exempt Small Quantity Generator • State Generator ▪ (State-defined values) • Short-term Generator • Importer • Mixed Waste Generator • Transporter ▪ Any Transporter ▪ Transporter Facility ▪ Transfer Facility • Operating TSD ▪ Any TSD ▪ Commercial ▪ Non-Commercial ▪ Land Disposal ▪ Incinerator ▪ BIF ▪ Storage ▪ Treatment ▪ SWM • Full Enforcement ▪ Any Full Enforcement ▪ Land Disposal ▪ Incinerator ▪ BIF ▪ Storage ▪ Treatment ▪ SWM • Recycler • Exempt Boiler and/or Industrial Furnace ▪ Any BIF ▪ Small Quantity On-site Burner Exemption ▪ Smelting, Melting, and Refining Furnace Exemption		

	• Universal Waste ▪ Any Universal Waste ▪ Large Quantity Handler of Universal Waste ▪ Destination Facility • Used Oil ▪ Any Used Oil ▪ Transporter ▪ Transfer Facility ▪ Processor ▪ Re-Refiner ▪ Off-specification Burner ▪ Fuel Marketer to Burner ▪ Specification Marketer • Subpart K ▪ Any Entity Opting In ▪ College ▪ Hospital ▪ Nonprofit ▪ Withdrawal • Hazardous Secondary Materia ▪ Opting In ▪ Withdrawal • Active Status ▪ Any Active Status ▪ Handler ▪ Permit ▪ Corrective Action ▪ Converter ▪ State-Specific ▪ Not Active		
Other Programmatic Universes	• Corrective Action Workload • Closure Workload • GPRA Corrective Action Baseline • GPRA Permit Baseline	Null	No

	• GPRA Renewal Baseline • Post-Closure Workload • Permit Workload • Permit Renewals Workload • Permit Progress • Significant Non-Complier • Subject to Corrective Action • Non-TSDFs where Corrective Action has been Imposed • TSDFs EPA may subject to CA / Other than 3004(u)/(v) • TSDFs Potentially Subject to CA under 3004(u)/(v)		
Non-Notifier	• Initially a non-nontifier, exempt from requirements to notify • Former Non-notifier • Non-notifier	Null	No
Sort	• Handler Name, Handler ID • Handler ID • City, Street Number, Street Name • City Handler Name • County, Handler Name • Zip Code, Handler Name • County, City, Handler Name • State District, Handler Name • State District, Handler ID • State District, City, Street Number, Street	Handler Name, Handler ID	Yes

	Name • State District, City, Handler Name • State District, County, Handler Name • State District, Zip Code, Handler Name • State District, County, City, Handler Name		
Output	• PDF • Delimited Text File	PDF	Yes

REPORT HEADINGS

Note: headings in parentheses ( ) are implied and do not appear on the report.

Heading	Data Source
(Region)	HREPORT_UNIV5.REGION
(State)	HREPORT_UNIV5.STATE
(Site Counts)	COUNT DISTINCT HREPORT_UNIV5.HANDLER_ID

SELECTED RCRA SITES UNIVERSE LIST REPORT

REPORT DESCRIPTION

This report lists all sites that satisfy the user selection criteria, showing basic information about each site. The report also shows the standard suite of handler universes. By clicking the Handler ID of a particular site, the user can "drill down" to the corresponding site detail report.

View Sample Report (in PDF format)

SELECT LOGIC

This report selects all records from the Handler Reporting Table where:

- the first two-characters of the Handler ID equals the Activity Location
- meets the user-selected criteria

View Primary SQL (in PDF format)

SELECTION CRITERIA

Search Element	Values	Default Value	Required
Location	List of States, Regions, and National	Your Profile State	Yes, if Group of IDs is not selected
County	List of County Names based on Location State	Null	No
State District	List of State District Codes based on Location State	Null	No
Location Address	User Specified	Null	No
Location City	User Specified	Null	No
Location Zip Code	User Specified	Null	No
NAICS	Valid numeric value	Null	No
Owner / Operator	User Specified	Null	No
Group of IDs	List of Saved Groups	Null	No
Handler Universe	• Federal Generator ▪ Any ▪ Large Quantity Generator ▪ Small Quantity Generator	Null	No

	▪ Conditionally Exempt Small Quantity Generator • State Generator ▪ (State-defined values) • Short-term Generator • Importer • Mixed Waste Generator • Transporter ▪ Any Transporter ▪ Transporter Facility ▪ Transfer Facility • Operating TSD ▪ Any TSD ▪ Commercial ▪ Non-Commercial ▪ Land Disposal ▪ Incinerator ▪ BIF ▪ Storage ▪ Treatment ▪ SWM • Full Enforcement ▪ Any Full Enforcement ▪ Land Disposal ▪ Incinerator ▪ BIF ▪ Storage ▪ Treatment ▪ SWM • Recycler • Exempt Boiler and/or Industrial Furnace ▪ Any BIF ▪ Small Quantity On-site Burner Exemption ▪ Smelting, Melting, and Refining Furnace Exemption • Universal Waste		

	▪ Any Universal Waste ▪ Large Quantity Handler of Universal Waste ▪ Destination Facility • Used Oil ▪ Any Used Oil ▪ Transporter ▪ Transfer Facility ▪ Processor ▪ Re-Refiner ▪ Off-specification Burner ▪ Fuel Marketer to Burner ▪ Specification Marketer • Subpart K ▪ Any Entity Opting In ▪ College ▪ Hospital ▪ Nonprofit ▪ Withdrawal • Hazardous Secondary Materia ▪ Opting In ▪ Withdrawal • Active Status ▪ Any Active Status ▪ Handler ▪ Permit ▪ Corrective Action ▪ Converter ▪ State-Specific ▪ Not Active		
Other Programmatic Universes	• Corrective Action Workload • Closure Workload • GPRA Corrective Action Baseline • GPRA Permit Baseline • GPRA Renewal	Null	No

	Baseline • Post-Closure Workload • Permit Workload • Permit Renewals Workload • Permit Progress • Significant Non-Complier • Subject to Corrective Action • Non-TSDFs where Corrective Action has been Imposed • TSDFs EPA may subject to CA / Other than 3004(u)/(v) • TSDFs Potentially Subject to CA under 3004(u)/(v)		
Non-Notifier	• Initially a non-nontifier, exempt from requirements to notify • Former Non-notifier • Non-notifier	Null	No
Sort	• Handler Name, Handler ID • Handler ID • City, Street Number, Street Name • City Handler Name • County, Handler Name • Zip Code, Handler Name • County, City, Handler Name • State District, Handler Name • State District, Handler ID • State District, City, Street Number, Street Name	Handler Name, Handler ID	Yes

	• State District, City, Handler Name • State District, County, Handler Name • State District, Zip Code, Handler Name • State District, County, City, Handler Name		
Output	• PDF • Delimited Text File	PDF	Yes

REPORT HEADINGS

Note: headings in parentheses ( ) are implied and do not appear on the report.

Heading	Data Source
(Region)	HREPORT_UNIV5.REGION
(State)	HREPORT_UNIV5.STATE
Handler ID	HREPORT_UNIV5.HANDLER_ID
Handler Name and Location	HREPORT_UNIV5.HANDLER_NAME HREPORT_UNIV5.LOCATION_STREET_NO HREPORT_UNIV5.LOCATION_STREET1 HREPORT_UNIV5.LOCATION_STREET2 HREPORT_UNIV5.LOCATION_CITY HREPORT_UNIV5.LOCATION_STATE HREPORT_UNIV5.LOCATION_ZIP
State District	HREPORT_UNIV5.STATE_DISTRICT
County	HREPORT_UNIV5.LOCATION_COUNTY_NAME
Active Site	HREPORT_UNIV5.ACTIVE_SITE
Extract to Public	HREPORT_UNIV5.EXTRACT_FLAG
Non-Notifier	HREPORT_UNIV5.NON_NOTIFIER
Universes	See the Standard Suite of Handler Universes

SINGLE LINE HANDLER REPORT

REPORT DESCRIPTION

The report lists location as well as TSD Generator, State Generator, Hazardous Waste Transporter Status, and Hazardous Waste Transfer Facility Status for handlers that meet the user selection criteria.

View Sample Report (in PDF format)

SELECT LOGIC

This report selects all records from the Handler Reporting Table where:

- the first two-characters of the Handler ID equals the Activity Location
- meets the user-selected criteria

View Primary SQL (in PDF format)

SELECTION CRITERIA

Search Element	Values	Default Value	Required
Location	List of States and Regions	Your Profile State	Yes, if Group of IDs is not selected
Handler Name	User Specified	Null	No
Handler ID	User Specified	Null	No
County	List of County Names based on Location State	Null	No
State District	List of State District Codes based on Location State	Null	No
Location Zip Code	User Specified	Null	No
Group of IDs	List of Saved Groups	Null	No
Handler Universe	• Federal Generator ▪ Any ▪ Large Quantity Generator ▪ Small Quantity Generator ▪ Conditionally Exempt Small Quantity Generator	Null	No

	• State Generator ▪ (State-defined values) • Short-term Generator • Importer • Mixed Waste Generator • Transporter ▪ Any Transporter ▪ Transporter Facility ▪ Transfer Facility • Operating TSD ▪ Any TSD ▪ Commercial ▪ Non-Commercial ▪ Land Disposal ▪ Incinerator ▪ BIF ▪ Storage ▪ Treatment ▪ SWM • Full Enforcement ▪ Any Full Enforcement ▪ Land Disposal ▪ Incinerator ▪ BIF ▪ Storage ▪ Treatment ▪ SWM • Recycler • Exempt Boiler and/or Industrial Furnace ▪ Any BIF ▪ Small Quantity On-site Burner Exemption ▪ Smelting, Melting, and Refining Furnace Exemption • Universal Waste ▪ Any Universal Waste ▪ Large Quantity		

	Handler of Universal Waste ▪ Destination Facility • Used Oil ▪ Any Used Oil ▪ Transporter ▪ Transfer Facility ▪ Processor ▪ Re-Refiner ▪ Off-specification Burner ▪ Fuel Marketer to Burner ▪ Specification Marketer • Subpart K ▪ Any Entity Opting In ▪ College ▪ Hospital ▪ Nonprofit ▪ Withdrawal • Hazardous Secondary Materia ▪ Opting In ▪ Withdrawal • Active Status ▪ Any Active Status ▪ Handler ▪ Permit ▪ Corrective Action ▪ Converter ▪ State-Specific ▪ Not Active		
Sort	• Handler Name, Handler ID • Handler ID • City, Street Number, Street Name • City Handler Name • County, Handler Name • Zip Code, Handler Name	Handler Name, Handler ID	Yes

	• County, City, Handler Name • State District, Handler Name • State District, Handler ID • State District, City, Street Number, Street Name • State District, City, Handler Name • State District, County, Handler Name • State District, Zip Code, Handler Name • State District, County, City, Handler Name • Federal Generator Status, Handler Name		

REPORT HEADINGS

Note: headings in parentheses ( ) are implied and do not appear on the report.

Heading	Data Source
(State)	HBASIC.STATE
(Region)	HBASIC.REGION
Handler ID	HBASIC.HANDLER_ID
Handler Name	HBASIC.HANDLER_NAME
Location Address	HREPORT_UNIV5.LOCATION_STREET_NO, HREPORT_UNIV5.LOCATION_STREET1, HREPORT_UNIV5.LOCATION_STREET2
City	HREPORT_UNIV5.LOCATION_CITY
Zip Code	HREPORT_UNIV5.LOCATION_ZIP
County	HREPORT_UNIV5.LOCATION_COUNTY_NAME
State District	HREPORT_UNIV5.STATE_DISTRICT
Oper. TSDF	HREPORT_UNIV5.OPERATING_TSDF
Gen. Status	HREPORT_UNIV5.FED_WASTE_GENERATOR
St. Gen. Status	HREPORT_UNIV5.STATE_WASTE_GENERATOR
Transporter	HREPORT_UNIV5.TRANSPORTER
Transfer Facility	HREPORT_UNIV5.TRANSFER_FACILITY

TRIBAL HAZARDOUS WASTE SITES REPORT

REPORT DESCRIPTION

This report shows the hazardous waste sites for the selected location that are located on tribal lands, by tribe. If a hazardous waste site is on tribal lands but does not have a tribal designation, it will be listed under "Unknown". For sites that have not been assigned a tribal designation, you may click the Handler ID to go to the RCRAInfo application to assign a tribe. Note: The application will only allow you to assign a tribe if you have the proper permissions, however, anyone can click the link. If you have the proper permissions to assign a tribe, you will be presented with a drop-down list containing the nationally-defined tribe values. If you do not have proper permissions to assign a tribe, you will be placed on the Handler ID where you can click another tab (Universe, Sources, etc.). The report is sorted by tribe, state, and handler name.

View Sample Report (in PDF format)

SELECT LOGIC

This report selects all records from the Handler where:

- the Land Type equals 'I'
- meets the user-selected criteria

View Primary SQL (in PDF format)

SELECTION CRITERIA

Search Element	Values	Default Value	Required
Location	List of States, Regions, and National	Your Profile State	Yes
Tribal Name	List of Tribal Names	Null	No

REPORT HEADINGS

Note: headings in parentheses ( ) are implied and do not appear on the report.

Heading	Data Source
(Tribal Name)	HBASIC.TRIBAL_ID
Handler ID	HBASIC.HANDLER_ID

Handler Name	HBASIC.HANDLER_NAME
Location Address	HREPORT_UNIV5.LOCATION_STREET_NO, HREPORT_UNIV5.LOCATION_STREET1, HREPORT_UNIV5.LOCATION_STREET2
Location City	HREPORT_UNIV5.LOCATION_CITY
Zip Code	HREPORT_UNIV5.LOCATION_ZIP

Hazardous Secondary Material

LIST OF FACILITIES MANAGING HSM BY FACILITY CODE

REPORT DESCRIPTION

This report lists and summarizes the facilities managing hazardous secondary material by facility code (i.e., facilities are grouped by whether they are a generator, reclaimer, intermediate facility, etc.). Data is based on the most recent HSM information for each facility for the user-selected period. Facilities which have submitted a stop notification are excluded.

View Sample Report (in PDF format)

SELECT LOGIC

This report selects all records from the Certification, HSM Basic, HSM Activity, and HSM Waste Code Tables where:

- meets the user-selected criteria

View Primary SQL (in PDF format)

SELECTION CRITERIA

Search Element	Values	Default Value	Required
Location	List of States, Regions, and National	Null	Yes
Report Cycle	• As of Today • Final BR Cycles from 2009 to Current	Null	Yes

REPORT HEADINGS

Heading	Data Source
(Region)	LU_STATE.REGION (associated with the first two characters from HHANDLER5.HANDLER_ID)
(State Name)	LU_STATE.POSTAL_CODE (associated with the first two characters from HHANDLER5.HANDLER_ID)
Facility Code	HHSM_ACTIVITY5.FACILITY_CODE
EPA ID	HHANDLER5.HANDLER_ID

Facility Name	HHANDLER5.HANDLER_NAME
NAICS Code	HNAICS5.NAICS_CODE (where NAICS Sequence Number = 1)
Mgmt. Start Date	HHSM_BASIC5.HSM_EFFECTIVE_DATE (from the initial notification)
Waste Code	HHSM_WASTE_CODE5.WASTE_CODE
Estimated Tons	HHSM_ACTIVITY5.ESTIMATE_SHORT_TONS
Actual Tons	HHSM_ACTIVITY5.ACTUAL_SHORT_TONS
Land-based Unit Code	HHSM_ACTIVITY5.LAND_BASED_UNIT

NUMBER OF FACILITIES MANAGING HSM AND QUANTITY MANAGED BY INDUSTRY TYPE

REPORT DESCRIPTION

This report summarizes the facilities that manage hazardous secondary material by industry type (NAICS code). Data is based on the most recent HSM information for each facility for the user-selected period. Facilities which have submitted a stop notification are excluded.

View Sample Report (in PDF format)

SELECT LOGIC

This report selects all records from the Certification, HSM Basic, HSM Activity, and HSM Waste Code Tables where:

- meets the user-selected criteria

View Primary SQL (in PDF format)

SELECTION CRITERIA

Search Element	Values	Default Value	Required
Location	List of States, Regions, and National	Null	Yes
Report Cycle	• As of Today • Final BR Cycles from 2009 to Current	Null	Yes

REPORT HEADINGS

Heading	Data Source
(Facility Code)	HHSM_ACTIVITY5
NAICS Code	HNAICS5.NAICS_CODE
Code Description	HNAICS5.NAICS_CODE
Number of Facilities Managing HSM by Facility Code	Count of HHSM_ACTIVITY5.HANDLER_ID
Total Actual Tons of HSM Managed by Facility Code	Sum of HHSM_ACTIVITY5.ACTUAL_SHORT_TONS

LIST OF FACILITIES MANAGING HSM BY LAND-BASED UNIT CODE

REPORT DESCRIPTION

This report lists and summarizes the facilities managing hazardous secondary material by land-based unit code. Data is based on the most recent HSM information for each facility for the user-selected period. Facilities which have submitted a stop notification are excluded.

View Sample Report (in PDF format)

SELECT LOGIC

This report selects all records from the Certification, HSM Basic, HSM Activity, and HSM Waste Code Tables where:

- land_based_unit is provided and is not equal to 'NA'
- meets the user-selected criteria

View Primary SQL (in PDF format)

SELECTION CRITERIA

Search Element	Values	Default Value	Required
Location	List of States, Regions, and National	Null	Yes
Report Cycle	• As of Today • Final BR Cycles from 2009 to Current	Null	Yes

REPORT HEADINGS

Heading	Data Source
(Region)	LU_STATE.REGION (associated with the first two characters from HHANDLER5.HANDLER_ID)
(State Name)	LU_STATE.POSTAL_CODE (associated with the first two characters from HHANDLER5.HANDLER_ID)
EPA ID	HHANDLER5.HANDLER_ID
Facility Name	HHANDLER5.HANDLER_NAME
NAICS Code	HNAICS5.NAICS_CODE (where NAICS Sequence Number = 1)

Mgmt. Start Date	HHSM_BASIC5.HSM_EFFECTIVE_DATE (from the initial notification)
Facility Code	HHSM_ACTIVITY5.FACILITY_CODE
Waste Code	HHSM_WASTE_CODE5.WASTE_CODE
Estimated Tons	HHSM_ACTIVITY5.ESTIMATE_SHORT_TONS
Actual Tons	HHSM_ACTIVITY5.ACTUAL_SHORT_TONS
Land-based Unit Code	HHSM_ACTIVITY5.LAND_BASED_UNIT

LIST OF FACILITIES MANAGING HSM THAT HAVE NOT RENOTIFIED

REPORT DESCRIPTION

This report lists facilities that have not re-notified as required under the 2018 Definition of Solid Waste final rule. Data is based on the most recent HSM information for each facility for the user-selected period. Facilities which have submitted a stop notification are excluded. Under the DSW rule, facilities are required to re-notify by March 1st of every even-numbered year.

View Sample Report (in PDF format)

SELECT LOGIC

This report selects all records from the Certification, HSM Basic, HSM Activity, and HSM Waste Code Tables where:

- reason for notification does not equal 'S'
- does not exist in the renotification period
- meets the user-selected criteria

View Primary SQL (in PDF format)

SELECTION CRITERIA

Search Element	Values	Default Value	Required
Location	List of States, Regions, and National	Null	Yes
Report Cycle	• As of Today • Final BR Cycles from 2009 to Current	Null	Yes
Output	• PDF • Delimited Text File	PDF	Yes

REPORT HEADINGS

Heading	Data Source
(Region)	LU_STATE.REGION (associated with the first two characters from HHANDLER5.HANDLER_ID)
(State Name)	LU_STATE.POSTAL_CODE (associated with the first two characters from HHANDLER5.HANDLER_ID)

EPA ID	HHANDLER5.HANDLER_ID
Facility Name	HHANDLER5.HANDLER_NAME
Date of Last Notification	HCERTIFICATION5.CERT_SIGNED_DATE
Contact Name	HHANDLER5.CONTACT_FIRST_NAME, HHANDLER5.CONTACT_MIDDLE_INITIAL, HHANDLER5.CONTACT_LAST_NAME
Contact Phone	HHANDLER5.CONTACT_PHONE

LIST OF FACILITIES THAT HAVE STOPPED MANAGING HSM

REPORT DESCRIPTION

This report lists all facilities that have stopped managing hazardous secondary material under the 2018 Definition of Solid Waste final rule. Data is based on the most recent HSM information for the user-selected period. Under the DSW rule, facilities are required to notify their regulatory authority within 30 days of stopping management of hazardous secondary material.

View Sample Report (in PDF format)

SELECT LOGIC

This report selects all records from the Certification, HSM Basic, HSM Activity, and HSM Waste Code Tables where:

- reason for notification = 'S' (stopped)
- meets the user-selected criteria

View Primary SQL (in PDF format)

SELECTION CRITERIA

Search Element	Values	Default Value	Required
Location	List of States, Regions, and National	Null	Yes
Report Cycle	• As of Today • Final BR Cycles from 2009 to Current	Null	Yes

REPORT HEADINGS

Heading	Data Source
(Region)	LU_STATE.REGION (associated with the first two characters from HHANDLER5.HANDLER_ID)
(State Name)	LU_STATE.POSTAL_CODE (associated with the first two characters from HHANDLER5.HANDLER_ID)
EPA ID	HHANDLER5.HANDLER_ID
Facility Name	HHANDLER5.HANDLER_NAME

NAICS Code	HNAICS5.NAICS_CODE (where NAICS Sequence Number = 1)
Mgmt. Start Date	HHSM_BASIC5.HSM_EFFECTIVE_DATE (from the initial notification)
Mgmt. Stop Date	HHSM_BASIC5.HSM_EFFECTIVE_DATE (from the stop notification)
Facility Code	HHSM_ACTIVITY5.FACILITY_CODE
Waste Code	HHSM_WASTE_CODE5.WASTE_CODE
Actual Tons	HHSM_ACTIVITY5.ACTUAL_SHORT_TONS
Land-based Unit Code	HHSM_ACTIVITY5.LAND_BASED_UNIT

SUMMARY OF NOTIFICATIONS AND LIST OF NEW FACILITIES MANAGING HSM

REPORT DESCRIPTION

This report: 1) counts the number of HSM initial notifications, re-notifications, and stop notifications within a user-selected period; and, 2) lists the facilities that have notified they are managing hazardous secondary material under the 2018 Definition of Solid Waste final rule but did not have an EPA ID number when they notified.

View Sample Report (in PDF format)

SELECT LOGIC

This report selects all records from the Certification, HSM Basic, HSM Activity, and HSM Waste Code Tables where:

- meets the user-selected criteria

View Primary SQL (in PDF format)

SELECTION CRITERIA

Search Element	Values	Default Value	Required
Location	List of States, Regions, and National	Null	Yes
Report Cycle	• As of Today • Final BR Cycles from 2009 to Current	Null	Yes

REPORT HEADINGS

Heading	Data Source
(Region)	LU_STATE.REGION (associated with the first two characters from HHANDLER5.HANDLER_ID)
(State Name)	LU_STATE.POSTAL_CODE (associated with the first two characters from HHANDLER5.HANDLER_ID)
EPA ID	HHANDLER5.HANDLER_ID
Facility Name	HHANDLER5.HANDLER_NAME
NAICS Code	HNAICS5.NAICS_CODE (where NAICS Sequence

	Number = 1)
Mgmt. Start Date	HHSM_BASIC5.HSM_EFFECTIVE_DATE (from the initial notification)
Facility Code	HHSM_ACTIVITY5.FACILITY_CODE
Waste Code	HHSM_WASTE_CODE5.WASTE_CODE
Estimated Tons	HHSM_ACTIVITY5.ESTIMATE_SHORT_TONS
Actual Tons	HHSM_ACTIVITY5.ACTUAL_SHORT_TONS
Land-based Unit Code	HHSM_ACTIVITY5.LAND_BASED_UNIT

Subpart K

LIST AND COUNT OF FACILITIES CURRENTLY OPERATING UNDER SUBPART K

REPORT DESCRIPTION

This report lists and summarizes the facilities operating (based on the user-selected report cycle) under Subpart K, categorized as a college/university, teaching hospital, non-profit research institute, college/university and teaching hospital, college/university and non-profit research facility, and teaching hospital and non-profit research facility. The detail report shows number of years facility has been under Subpart K, and the summary report shows the average, minimum, and maximum years for each Subpart K.

View Sample Report (in PDF format)

SELECT LOGIC

[Under Construction]

SELECTION CRITERIA

Search Element	Values	Default Value	Required
Location	List of States, Regions, and National	Null	Yes
Year	List of years from 2009 to current	Null	Yes
Output	PDF, Delimited Text File	PDF	Yes

REPORT HEADINGS

Heading	Data Source
EPA ID	HHANDLER5.HANDLER_ID
Facility Name	HHANDLER5.HANDLER_NAME
NAICS Code	HNAICS5.NAICS_CODE
Type of Eligible Academic Entity	
• College/University	HHANDLER5.SUBPART_K_COLLEGE
• Teaching Hospital	HHANDLER5.SUBPART_K_HOSPITAL

• Non-profit Research Institute	HHANDLER5.SUBPART_K_NONPROFIT
Date Site ID Form Signed for Opting into Subpart K	HCERTIFICATION5.CERT_SIGNED_DATE
Duration Facility Operated Under Subpart K (years)	ROUND(SYSDATE - HCERTIFICATION5.CERT_SIGNED_DATE [of the opting in] / 365, 1)

HISTORIC LIST AND COUNT OF INDIVIDUAL FACILITIES THAT WITHDREW FROM SUBPART K

REPORT DESCRIPTION

This report lists and summarizes facilities that have operated and have since withdrawn (based on the user-selected report cycle) from Subpart K, categorized as college/ university, teaching hospital, non-profit research institute, college/ university and teaching hospital, college/university and non-profit institute, and teaching hospital and non-profit institute. The detail report shows number of years facility was under Subpart K, and the summary report shows the average, minimum, and maximum years for each Subpart K category.

View Sample Report (in PDF format)

SELECT LOGIC

[Under Construction]

SELECTION CRITERIA

Search Element	Values	Default Value	Required
Location	List of States, Regions, and National	Null	Yes
Year	List of years from 2009 to current	Null	Yes
Output	PDF, Delimited Text File	PDF	Yes

REPORT HEADINGS

Heading	Data Source
EPA ID	HHANDLER5.HANDLER_ID
Facility Name	HHANDLER5.HANDLER_NAME
NAICS Code	HNAICS5.NAICS_CODE
Type of Eligible Academic Entity	
• College/University	HHANDLER5.SUBPART_K_COLLEGE
• Teaching Hospital	HHANDLER5.SUBPART_K_HOSPITAL

• Non-profit Research Institute	HHANDLER5.SUBPART_K_NONPROFIT
Date Site ID Form Signed for	
• Opting into Subpart K	HCERTIFICATION5.CERT_SIGNED_DATE
• Withdrawing from Subpart K	HCERTIFICATION5.CERT_SIGNED_DATE
Duration Facility Operated Under Subpart K (years)	ROUND(HCERTIFICATION5.CERT_SIGNED_DATE [of the withdrawal] - HCERTIFICATION5.CERT_SIGNED_DATE [of the opting in] / 365, 1)

LIST AND COUNT OF FACILITIES CONDUCTING LAB CLEANOUTS UNDER SUBPART K

REPORT DESCRIPTION

This report lists and summarizes the facilities operating (based on the user-selected report cycle) under Subpart K as a college/university, teaching hospital, or non-profit research institute.

View Sample Report (in PDF format)

SELECT LOGIC

[Under Construction]

SELECTION CRITERIA

Search Element	Values	Default Value	Required
Location	List of States, Regions, and National	Null	Yes
Report Cycle	• As of Today • Final BR Cycles from 2009 to Current	Null	Yes

REPORT HEADINGS

Heading	Data Source
EPA ID	HHANDLER5.HANDLER_ID
Facility Name	HHANDLER5.HANDLER_NAME
NAICS Code	HNAICS5.NAICS_CODE
Type of Eligible Academic Entity	
• College/University	HHANDLER5.SUBPART_K_COLLEGE
• Teaching Hospital	HHANDLER5.SUBPART_K_HOSPITAL
• Non-profit Research Institute	HHANDLER5.SUBPART_K_NONPROFIT
Date Site ID Form Signed for	
• Opting into Subpart K	HCERTIFICATION5.CERT_SIGNED_DATE

• Withdrawing from Subpart K	HCERTIFICATION5.CERT_SIGNED_DATE
Amount of HW from clean-outs (tons)	ROUND(SUM(BGM_BASIC.GENERATION_TONS_CALC), 1)

Hazardous Waste Generator Improvement

COMPREHENSIVE EPISODIC GENERATOR REPORT

REPORT DESCRIPTION

This report shows all information associated with episodic events that meets the user-specified criteria. The report shows the Handler ID, Handler Name, Event Type and Description, Event Start and End Date, Emergency Contact (Name, Phone, and Email), Waste Description, Waste Codes, and Estimated Quantity (in pounds).

View Sample Report (in PDF format)

SELECT LOGIC

This report selects all records from the Handler Reporting Table where:

- meets the user-selected criteria (except the Event Type)

Join the Handler Episodic Tables on Handler ID:

- meets the user-selected criteria (Event Type only)

View Primary SQL (in PDF format)

SELECTION CRITERIA

Search Element	Values	Default Value	Required
Location	List of States, Regions, and National	Your Profile State	Yes
Handler ID	User Specified	Null	No
Event Type	• Any • Planned • Unplanned	Any	Yes
Episodic Date From	Valid date	Null	Yes
Episodic Date To	Valid date	Null	Yes
Output	• PDF • Delimited Text File	PDF	Yes

REPORT HEADINGS

Note: headings in parentheses ( ) are implied and do not appear on the report.

Heading	Data Source
Region	HREPORT_UNIV5.REGION
(State)	HREPORT_UNIV5.STATE
(Handler Name)	HREPORT_UNIV5.HANDLER_NAME
(Handler ID)	HREPORT_UNIV5.HANDLER_ID
Episodic Event	HEPISODIC_EVENT.EPISODIC_EVENT_TYPE, HEPISODIC_EVENT.EPISODIC_EVENT_OTHER_DESC (if Event Type = POT or UOT)
Emergency Contact	HEPISODIC_EVENT.EMERG_CONTACT_FIRST_NAME, HEPISODIC_EVENT.EMERG_CONTACT_MIDDLE_INITIAL, HEPISODIC_EVENT.EMERG_CONTACT_LAST_NAME, HEPISODIC_EVENT.EMERG_CONTACT_PHONE, HEPISODIC_EVENT.EMERG_CONTACT_PHONE_EXT, HEPISODIC_EVENT.EMERG_CONTACT_EMAIL
Start Date	HEPISODIC_EVENT.START_DATE
End Date	HEPISODIC_EVENT.END_DATE
Seq. Number	HEPISODIC_WASTE.WASTE_SEQ_NUMBER
Waste Description	HEPISODIC_WASTE.WASTE_DESCRIPTION
Waste Codes	HEPISODIC_WASTE_CODE.WASTE_CODE_OWNER, HEPISODIC_WASTE_CODE.WASTE_CODE
Estimated Qty (lbs)	HEPISODIC_WASTE.ESTIMATED_QUANTITY

CURRENT LQGS CONSOLIDATING WASTES FROM VSQGS REPORT

REPORT DESCRIPTION

This report shows LQGs currently* consolidating wastes received from VSQGs. The report shows the LQG Handler ID and Name and lists the VSQGs in which the LQG has received waste including the VSQGs Handler ID (if applicable), Handler Name, Address, and Contact Information.

*"Currently" is defined as the most recent submission received from the LQG (i.e., the most recent N, A, D, K, R, or B handler source record) reported consolidating wastes received from VSQGs.

View Sample Report (in PDF format)

SELECT LOGIC

This report selects all records from the LQG Consolidation Table

Join the most recent Handler Source Record that is not an "I", "T", or "E" on Handler ID, Activity Location, Source Type, and Sequence Number:

Join the Handler Reporting Table on Handler ID and Activity Location:

- meets the user-selected criteria

View Primary SQL (in PDF format)

SELECTION CRITERIA

Search Element	Values	Default Value	Required
Location	List of States, Regions, and National	Your Profile State	Yes
Handler ID	User Specified	Null	No
Output	• PDF • Delimited Text File	PDF	Yes

REPORT HEADINGS

Note: headings in parentheses ( ) are implied and do not appear on the report.

Heading	Data Source

Region	HREPORT_UNIV5.REGION
(State)	HREPORT_UNIV5.STATE
(Handler Name)	HREPORT_UNIV5.HANDLER_NAME
(Handler ID)	HREPORT_UNIV5.HANDLER_ID
Source	HREPORT_UNIV5.SOURCE_TYPE
Sequence Number	HREPORT_UNIV5.SEQ_NUMBER
Seq.	HLQG_CONSOLIDATION.CONSOLIDATION_SEQ_NUMBER
VSQG Handler ID	HLQG_CONSOLIDATION.VSQG_HANDLER_ID
VSQG Handler Name	HLQG_CONSOLIDATION.VSQG_HANDLER_NAME
Address	HLQG_CONSOLIDATION.VSQG_STREET_NO, HLQG_CONSOLIDATION.VSQG_STREET1, HLQG_CONSOLIDATION.VSQG_STREET2, HLQG_CONSOLIDATION.VSQG_CITY, HLQG_CONSOLIDATION.VSQG_STATE, HLQG_CONSOLIDATION.VSQG_ZIP
Contact	HLQG_CONSOLIDATION.VSQG_CONTACT_FIRST_NAME, HLQG_CONSOLIDATION.VSQG_CONTACT_MIDDLE_INITIAL, HLQG_CONSOLIDATION.VSQG_CONTACT_LAST_NAME, HLQG_CONSOLIDATION.VSQG_PHONE, HLQG_CONSOLIDATION.VSQG_PHONE_EXT, HLQG_CONSOLIDATION.VSQG_EMAIL_ADDRESS

LQG CLOSURE TICKLER REPORT

REPORT DESCRIPTION

This report shows Large Quantity Generator (LQG) closure information for the user-specified criteria. The report shows the Handler ID, Handler Name, Closure Type, Expected and New Closure Dates, Closed in Compliance Indicator, and the Days elapsed from the user-specified date.

View Sample Report (in PDF format)

SELECT LOGIC

This report selects all records from the LQG Closure Table where:

- meets the user-selected criteria (except the Location and Handler ID)

Join the Basic Handler Table on Handler ID:

- meets the user-selected criteria (Location and Handler ID only)

View Primary SQL (in PDF format)

SELECTION CRITERIA

Search Element	Values	Default Value	Required
Location	List of States, Regions, and National	Your Profile State	Yes
Handler ID	User Specified	Null	No
Date Type	• Expected or New Closure Date • Date Closed	Null	Yes
Closure Date From	Valid date	Null	Yes
Closure Date To	Valid date	Null	Yes
Closed in Compliance	• Yes • No	Null	No

REPORT HEADINGS

Note: headings in parentheses ( ) are implied and do not appear on the report.

Heading	Data Source

Region	HBASIC.REGION
(State)	HBASIC.STATE
Handler ID	HBASIC.HANDLER_ID
Handler Name	HBASIC.HANDLER_NAME
Closure Type	HLQG_CLOSURE.CLOSURE_TYPE
Expected Date	HLQG_CLOSURE.EXPECTED_CLOSURE_DATE
New Date	HLQG_CLOSURE.NEW_CLOSURE_DATE
Date Closed	HLQG_CLOSURE.DATE_CLOSED
In Compliance	HLQG_CLOSURE.IN_COMPLIANCE
Expected/New Days Elapsed	TRUNC(SYSDATE - COASLESCE(HLQG_CLOSURE.NEW_CLOSURE_DATE, EXPECTED_CLOSURE_DATE)
Closed Days Elapsed	TRUNC(SYSDATE - HLQG_CLOSURE.DATE_CLOSED

SMALL QUANTITY GENERATOR RENOTIFICATION DATA QUALITY SUMMARY REPORT

REPORT DESCRIPTION

This report shows the number of Small Quantity Generators for the location specified. The count is further broken down by "In Business" and "Not in Business". An SQG is considered to be "in business" if they 1) submitted a biennial report during or since the report cycle specified by the user; 2) a TSD facility reported receiving waste from the generator in a biennial report during or since the report cycle specified by the user; or 3) a handler record exists with a receive date on or after January 1 of the report cycle specified by the user.

The report is sorted by State Name. Click the State Name to see the Site ID, Name, City, and additional detail information for the SQGs within that State.

View Sample Report (in PDF format)

SELECT LOGIC

This report selects all records from the Handler Reporting Table where:

- the first two-characters of the Handler ID equals the Activity Location
- the Federal Generator Status equals "2" (Small Quantity Generator)
- meets the user-selected criteria (except the Report Cycle)

View Primary SQL (in PDF format)

SELECTION CRITERIA

Search Element	Values	Default Value	Required
Location	List of States, Regions, and National	Your Profile State	Yes
Report Cycle	Final BR Cycles from 2001 to current	Null	Yes

REPORT HEADINGS

Heading	Data Source
State	HREPORT_UNIV5.STATE
Total Generators	COUNT DISTINCT (HREPORT_UNIV5.HANDLER_ID)
In Business	Calculated as the number of SQGs where the SQG

	is in: SELECT handler_id FROM br_reporting WHERE report_cycle >= :p_report_cycle OR SELECT shipper_id FROM br_reporting WHERE br_form = 'WR' AND report_cycle >= :p_report_cycle OR HREPORT_UNIV5.RECEIVE_DATE >= TO_DATE('01-JAN-' || :p_report_cycle)
Not In Business	Calculated as the number of SQGs where the SQG does not meet the criteria for "In Business" stated above

SMALL QUANTITY GENERATOR RENOTIFICATION DATA QUALITY DETAIL REPORT

REPORT DESCRIPTION

This report shows a list of Small Quantity Generators for the location specified. The report first shows the SQGs that are "In Business" followed by the SQGs that are "Not in Business". An SQG is considered to be "in business" if they 1) submitted a biennial report during or since the report cycle specified by the user; 2) a TSD facility reported receiving waste from the generator in a biennial report during or since the report cycle specified by the user; or 3) a handler record exists with a receive date on or after January 1 of the report cycle specified by the user.

The report is sorted by State Name, Business Status, and Handler Name. The "Last Source Record" column indicates that receive date of the last information received from the SQG and the source from which it was received. The "Last BR" column indicates the most recent Biennial Report cycle for which the SQG made a submission or the most recent Biennial Report cycle in which a TSD facility reported receiving waste from the SQG. The "Last Inspection" column indicates the start date of the last inspection conducted at the SQG, the type of inspection conducted, and the agency which conducted it.

View Sample Report (in PDF format)

SELECT LOGIC

This report selects all records from the Handler Reporting Table where:

- the first two-characters of the Handler ID equals the Activity Location
- the Federal Generator Status equals "2" (Small Quantity Generator)
- meets the user-selected criteria (except the Report Cycle)

View Primary SQL (in PDF format)

SELECTION CRITERIA

Search Element	Values	Default Value	Required
Location	List of States, Regions, and National	Your Profile State	Yes
Report Cycle	Final BR Cycles from 2001 to current	Null	Yes

REPORT HEADINGS

Heading	Data Source
Handler ID	HREPORT_UNIV5.HANDLER_ID
Handler Name	HREPORT_UNIV5.HANDLER_NAME
Location City	HREPORT_UNIV5.LOCATION_CITY
Last Source Record	HREPORT_UNIV5.RECEIVE_DATE and HREPORT_UNIV5.SOURCE_TYPE
Last BR	MAX(REPORT_CYCLE) from: SELECT handler_id, report_cycle FROM br_reporting WHERE state = :p_location UNION SELECT shipper_id, report_cycle FROM br_reporting WHERE shipper_state = :p_location AND br_form = 'WR'
Last Inspection	MAX(CEVALUTION3.EVAL_START_DATE) and associated CEVALUATION3.EVAL_TYPE and CEVALUATION3.EVAL_AGENCY

National Biennial Report Exhibits

BIENNIAL REPORT CYCLE COMPARISON REPORT

REPORT DESCRIPTION

This report compares the number of generators, generation quantity, number of managers, management quantity, number of shippers, shipment quantity, number of receivers, and received quantities between two
user-specified report cycles by State. This report is also used to report the preliminary results of the current biennial report cycle.

View Sample Report (in PDF format)

SELECT LOGIC

This report selects all records from the Biennial Report Reporting Table where:

- Site is marked for inclusion in the National Report
- waste stream is marked for inclusion in the National Report
- meets the user-selected criteria

View Primary SQL (in PDF format)

SELECTION CRITERIA

Search Element	Values	Default Value	Required
Current BR Cycle	List of report cycles, 2001 to current	Null	Yes
Previous BR Cycle	List of report cycles, 2001 to current	Null	Yes

REPORT HEADINGS

Generation and Management

Heading	Data Source
State	BR_REPORTING.STATE
Generators <previous year>	COUNT (BR_REPORTING.HANDLER_ID) where GEN_ID_INCLUDED_IN_NBR = 'Y' for previous cycle year

Generators <current year>	COUNT (BR_REPORTING.HANDLER_ID) where GEN_ID_INCLUDED_IN_NBR = 'Y' for current cycle year
Generators % Change	(Generators <current year> - Generators <previous year>) / Generators <previous year>
Hazardous Waste Generation (tons) <previous year>	SUM (BR_REPORTING.GENERATION_TONS) where GEN_WASTE_INCLUDED_IN_NBR = 'Y' for previous cycle year
Hazardous Waste Generation (tons) <current year>	SUM (BR_REPORTING.GENERATION_TONS) where GEN_WASTE_INCLUDED_IN_NBR = 'Y' for current cycle year
Hazardous Waste Generation (tons) % Change	(Hazardous Waste Generation <current year> - Hazardous Waste Generation <previous year>) / Hazardous Waste Generation <previous year>
Managers <previous year>	COUNT (BR_REPORTING.HANDLER_ID) where MGMT_ID_INCLUDED_IN_NBR = 'Y' for previous cycle year
Managers <current year>	COUNT (BR_REPORTING.HANDLER_ID) where MGMT_ID_INCLUDED_IN_NBR = 'Y' for current cycle year
Managers % Change	(Managers <current year> - Managers <previous year>) / Managers <previous year>
Hazardous Waste Managed (tons) <previous year>	SUM (BR_REPORTING.MANAGED_TONS) where MGMT_WASTE_INCLUDED_IN_NBR = 'Y' for previous cycle year
Hazardous Waste Managed (tons) <current year>	SUM (BR_REPORTING.MANAGED_TONS) where MGMT_WASTE_INCLUDED_IN_NBR = 'Y' for current cycle year
Hazardous Waste Managed (tons) % Change	(Hazardous Waste Managed <current year> - Hazardous Waste Managed <previous year>) / Hazardous Waste Managed <previous year>

Shipments and Receipts

Heading	**Data Source**
State	BR_REPORTING.STATE
Shippers <previous year>	COUNT (BR_REPORTING.HANDLER_ID) where SHIP_ID_INCLUDED_IN_NBR = 'Y' for previous cycle year
Shippers <current year>	COUNT (BR_REPORTING.HANDLER_ID) where SHIP_ID_INCLUDED_IN_NBR = 'Y' for current cycle year
Shippers % Change	(Shippers <current year> - Shippers <previous year>) / Shippers <previous year>

Hazardous Waste Shipped (tons) <previous year>	SUM (BR_REPORTING.SHIPPED_TONS) where SHIP_WASTE_INCLUDED_IN_NBR = 'Y' for previous cycle year
Hazardous Waste Shipped (tons) <current year>	SUM (BR_REPORTING.SHIPPED_TONS) where SHIP_WASTE_INCLUDED_IN_NBR = 'Y' for current cycle year
Hazardous Waste Shipped (tons) % Change	(Hazardous Waste Shipped <current year> - Hazardous Waste Shipped <previous year>) / Hazardous Waste Shipped <previous year>
Receivers <previous year>	COUNT (BR_REPORTING.HANDLER_ID) where RECV_ID_INCLUDED_IN_NBR = 'Y' for previous cycle year
Receivers <current year>	COUNT (BR_REPORTING.HANDLER_ID) where RECV_ID_INCLUDED_IN_NBR = 'Y' for current cycle year
Receivers % Change	(Receivers <current year> - Receivers <previous year>) / Receivers <previous year>
Hazardous Waste Received (tons) <previous year>	SUM (BR_REPORTING.RECEIVED_TONS) where RECV_WASTE_INCLUDED_IN_NBR = 'Y' for previous cycle year
Hazardous Waste Received (tons) <current year>	SUM (BR_REPORTING.RECEIVED_TONS) where RECV_WASTE_INCLUDED_IN_NBR = 'Y' for current cycle year
Hazardous Waste Received (tons) % Change	(Hazardous Waste Received <current year> - Hazardous Waste Received <previous year>) / Hazardous Waste Received <previous year>

LIST OF BR REPORTED SITES REPORT

REPORT DESCRIPTION

This report contains an alphabetical listing of all reported sites, with their EPA handler id, location city, current regulatory status, quantity of RCRA hazardous waste generated (in tons), and quantity of RCRA hazardous waste managed (in tons). All sites flagged for inclusion in the National Biennial RCRA Hazardous Waste Report are included. The generation quantity is the sum of the generation quantity of all GM forms flagged for inclusion in the National Biennial RCRA Hazardous Waste Report. The managed quantity is the sum of the on-site managed quantity of all GM forms and the received quantity of all WR forms, flagged for inclusion in the National Biennial RCRA Hazardous Waste Report.

View Sample Report (in PDF format)

SELECT LOGIC

This report selects all records from the Biennial Report Reporting Table where:

- Site is marked for inclusion in the National Report
- waste stream is marked for inclusion in the National Report for generation
- generated quantity is greater than zero
- meets the user-selected criteria

View Primary SQL (in PDF format)

SELECTION CRITERIA

Search Element	Values	Default Value	Required
Location	List of States and National	Your Profile State	Yes
BR Cycle	List of report cycles, 2001 to current	Null	Yes

REPORT HEADINGS

Heading	Data Source
EPA ID	HHANDLER5.HANDLER_ID
Site Name	HHANDLER5.HANDLER_NAME
Location City	HHANDLER5.LOCATION_CITY

Current RCRA Status	HHANDLER5.FED_WASTE_GENERATOR
RCRA Tons Generated	SUM (BR_REPORTING.GENERATION_TONS) where GEN_WASTE_INCLUDED_IN_NBR = 'Y' for cycle year
RCRA Tons Managed	SUM (BR_REPORTING.MANAGED_TONS) where MGMT_WASTE_INCLUDED_IN_NBR='Y' for cycle year

Waste Generation

FIFTY LARGEST RCRA HAZARDOUS WASTE GENERATORS REPORT

REPORT DESCRIPTION

This report lists the fifty largest RCRA hazardous waste generators within the sites selected (State or National). The generators are ranked high to low based on their total generated quantity of RCRA hazardous waste. The handler id, handler name, location city, and total generated quantity of RCRA hazardous waste (in tons) are provided for each generator. There may be less than fifty sites listed due to a State having less than fifty generators. Generators with zero quantity are excluded.

All generated quantities refer to the generated quantities reported for the National Biennial RCRA Hazardous Waste Report. Quantities are limited to wastes meeting the following criteria:

- the site that has been flagged for inclusion in the National Biennial RCRA Hazardous Waste Report
- the GM form has been flagged for inclusion in the National Biennial RCRA Hazardous Waste Report
- the generated quantity was greater than zero

View Sample Report (in PDF format)

SELECT LOGIC

This report selects all records from the Biennial Report Reporting Table where:

- Site is marked for inclusion in the National Report
- waste stream is marked for inclusion in the National Report for generation
- generated quantity is greater than zero
- meets the user-selected criteria

View Primary SQL (in PDF format)

SELECTION CRITERIA

Search Element	Values	Default Value	Required
Location	List of States and National	Your Profile State	Yes
BR Cycle	List of report cycles,	Null	Yes

	2001 to current		

REPORT HEADINGS

Heading	Data Source
Rank	ROWNUM
EPA ID	BR_REPORTING.HANDLER_ID
Site Name	BR_REPORTING.HANDLER_NAME
City	BR_REPORTING.LOCATION_CITY
Total Generated (Tons)	SUM (BR_REPORTING.GENERATION_TONS) where GEN_WASTE_INCLUDED_IN_NBR = 'Y' for cycle year

GENERATED QUANTITIES OF CHARACTERISTIC AND LISTED WASTE REPORT

REPORT DESCRIPTION

This report displays generated tons of RCRA hazardous waste aggregated according to the types of waste codes reported for a waste (ie., characteristic, characteristic mixture, listed, listed mixture, or characteristic and listed mixture).

All generated quantities refer to the generated quantity reported for the National Biennial RCRA Hazardous Waste Report. Quantities are limited to wastes meeting the following criteria:

- the site has been flagged for inclusion in the National Biennial RCRA Hazardous Waste Report
- the waste has been flagged for inclusion in the National Biennial RCRA Hazardous Waste Report
- the waste was generated at the site (source code <> 'G61')

View Sample Report (in PDF format)

SELECT LOGIC

This report selects all records from the Biennial Report Reporting Table where:

- Site is marked for inclusion in the National Report
- waste stream is marked for inclusion in the National Report for generation
- generated quantity is greater than zero
- source code <> 'G61'
- meets the user-selected criteria

View Primary SQL (in PDF format)

SELECTION CRITERIA

Search Element	Values	Default Value	Required
Location	List of States and National	Your Profile State	Yes
BR Cycle	List of report cycles, 2001 to current	Null	Yes

REPORT HEADINGS

QUANTITIES OF WASTE GENERATED IN <cycle year> THAT WERE
- **REPORTED WITH ONLY CHARACTERISTIC WASTE CODES**
- **REPORTED WITH ONLY LISTED WASTE CODES**
- **REPORTED WITH BOTH CHARACTERISTIC AND LISTED WASTE CODES**

Heading	**Data Source**
(State)	BR_REPORTING.STATE
WASTE HAS ONLY CHARACTERISTIC CODES	
ONLY IGNITABLE	SUM (BR_REPORTING.GENERATION_TONS) where waste meets definition of ignitable waste only
ONLY CORROSIVE	SUM (BR_REPORTING.GENERATION_TONS) where waste meets definition of corrosive waste only
ONLY REACTIVE	SUM (BR_REPORTING.GENERATION_TONS) where waste meets definition of reactive waste only
ONLY D004-17	SUM (BR_REPORTING.GENERATION_TONS) where waste has waste codes D004 - D017 only
ONLY D018-43	SUM (BR_REPORTING.GENERATION_TONS) where waste has waste codes D018 - D043 only
HAS MORE THAN ONE CHARACTERISTIC CODE	SUM (BR_REPORTING.GENERATION_TONS) where waste has more than one characteristic code
WASTE HAS ONLY LISTED CODES	
ONLY AN F CODE	SUM (BR_REPORTING.GENERATION_TONS) where waste has only "F" waste codes
ONLY A K CODE	SUM (BR_REPORTING.GENERATION_TONS) where waste has only "K" waste codes
ONLY A P CODE	SUM (BR_REPORTING.GENERATION_TONS) where waste has only "P" waste codes
ONLY A U CODE	SUM (BR_REPORTING.GENERATION_TONS) where waste has only "U" waste codes
HAS MORE THAN ONE LISTED CODE	SUM (BR_REPORTING.GENERATION_TONS) where waste has more than one listed code
WASTE HAS BOTH CHARACTERISTIC AND LISTED CODES	
BOTH CHARACTERISTIC & LISTED	SUM (BR_REPORTING.GENERATION_TONS) where waste has both characteristic and listed codes

QUANTITIES OF WASTE GENERATED IN <cycle year> THAT WERE MULTIPLY CODED

Heading	**Data Source**
WASTE HAS ONLY CHARACTERISTIC CODES BUT MORE THAN ONE APPLIES	
HAS IGNITABLE CODE	SUM (BR_REPORTING.GENERATION_TONS) where waste meets definition of ignitable waste

HAS CORROSIVE CODE	SUM (BR_REPORTING.GENERATION_TONS) where waste meets definition of corrosive waste
HAS REACTIVE CODE	SUM (BR_REPORTING.GENERATION_TONS) where waste meets definition of reactive waste
HAS D004-D017	SUM (BR_REPORTING.GENERATION_TONS) where waste has waste codes D004 - D017
HAS D018-D043	SUM (BR_REPORTING.GENERATION_TONS) where waste has waste codes D018 - D043
ONLY LISTED CODES BUT HAS MORE THAN ONE	
HAS A F CODE	SUM (BR_REPORTING.GENERATION_TONS) where waste has "F" waste codes
HAS A K CODE	SUM (BR_REPORTING.GENERATION_TONS) where waste has "K" waste codes
HAS A P CODE	SUM (BR_REPORTING.GENERATION_TONS) where waste has "P" waste codes
HAS A U CODE	SUM (BR_REPORTING.GENERATION_TONS) where waste has "U" waste codes
BOTH CHARACTERISTIC AND LISTED CODES	
IGN. W/ AT LEAST 1 LSTD	SUM (BR_REPORTING.GENERATION_TONS) where waste meets definition of ignitable waste and at least one listed waste
CORR. W/ AT LEAST 1 LSTD	SUM (BR_REPORTING.GENERATION_TONS) where waste meets definition of corrosive waste and at least one listed waste
REACT. W/ AT LEAST 1 LSTD	SUM (BR_REPORTING.GENERATION_TONS) where waste meets definition of reactive waste and at least one listed waste
D004-17 W/ AT LEAST 1 LSTD	SUM (BR_REPORTING.GENERATION_TONS) where waste has waste codes D004-D017 and at least one listed waste
D018-43 W/ AT LEAST 1 LSTD	SUM (BR_REPORTING.GENERATION_TONS) where waste has waste codes D018-D043 and at least one listed waste
F WASTE W/ AT LEAST 1 CHAR	SUM (BR_REPORTING.GENERATION_TONS) where waste has "F" waste codes and at least one characteristic waste
K WASTE W/ AT LEAST 1 CHAR	SUM (BR_REPORTING.GENERATION_TONS) where waste has "K" waste codes and at least one characteristic waste
P WASTE W/ AT LEAST 1 CHAR	SUM (BR_REPORTING.GENERATION_TONS) where waste has "P" waste codes and at least one characteristic waste
U WASTE W/ AT LEAST 1 CHAR	SUM (BR_REPORTING.GENERATION_TONS) where

	waste has "U" waste codes and at least one characteristic waste

QUANTITY OF RCRA HAZARDOUS WASTE GENERATED AND NUMBER OF HAZARDOUS WASTE GENERATORS CONTRIBUTING, BY STATE REPORT

REPORT DESCRIPTION

This report provides the following waste generation related information for each state: the state's total quantity of RCRA hazardous waste generation, the state's total quantity as a percentage of the report's total generation quantity, the state's rank based on generation quantity, the number of generators contributing to the state's generation quantity, the state's number of generators as a percentage of the report's total number of generators, the state's rank based on number of generators, the number of generators that are large quantity generators (LQGs), and the number of generators that are not LQGs.

All generators and generation quantities refer to those reported for the National Biennial RCRA Hazardous Waste Report. Data is limited to the following criteria:

- the site that has been flagged for inclusion in the National Biennial RCRA Hazardous Waste Report
- the waste generated has been flagged for inclusion in the National Biennial RCRA Hazardous Waste Report

The report provides three views of the data: 1) sorted alphabetically by state name; 2) sorted in descending order by the quantity of waste generated; and 3) sorted in descending order by the number of generators contributing to the generated quantity.

View Sample Report (in PDF format)

SELECT LOGIC

This report selects all records from the Biennial Report Reporting Table where:

- Site is marked for inclusion in the National Report
- waste stream is marked for inclusion in the National Report for generation
- meets the user-selected criteria

View Primary SQL (in PDF format)

SELECTION CRITERIA

Search Element	Values	Default Value	Required
Location	List of States and National	Your Profile State	Yes
BR Cycle	List of report cycles, 2001 to current	Null	Yes

REPORT HEADINGS

Sorted by State

Heading	Data Source
State	BR_REPORTING.STATE
Hazardous Waste Quantity	
Rank	*Calculated; see Primary SQL*
Tons Generated	SUM (BR_REPORTING.GENERATION_TONS) where GEN_WASTE_INCLUDED_IN_NBR = 'Y' for cycle year
%	(Tons Generated [for State] / Tons Generated [for Report]) * 100
Number of Generators	
Rank	*Calculated; see Primary SQL*
Number	COUNT(DISTINCT BR_REPORTING.HANDLER_ID) where GEN_ID_INCLUDED_IN_NBR = 'Y' for cycle year
%	(Number [for State] / Number [for Report]) * 100
Reported Status	
LQG	COUNT(DISTINCT BR_REPORTING.HANDLER_ID) where GEN_ID_INCLUDED_IN_NBR = 'Y' and FED_WASTE_GENERATOR = '1' for cycle year
Non-LQG	COUNT(DISTINCT BR_REPORTING.HANDLER_ID) where GEN_ID_INCLUDED_IN_NBR = 'Y' and FED_WASTE_GENERATOR <> '1' for cycle year

Sorted by Tons Generated, Descending

Heading	Data Source
State	BR_REPORTING.STATE
Hazardous Waste Quantity	
Rank	*Calculated; see Primary SQL*
Tons Generated	SUM (BR_REPORTING.GENERATION_TONS) where GEN_WASTE_INCLUDED_IN_NBR = 'Y' for cycle year
%	(Tons Generated [for State] / Tons Generated [for Report]) * 100

Number of Generators	
Rank	*Calculated; see Primary SQL*
Number	COUNT(DISTINCT BR_REPORTING.HANDLER_ID) where GEN_ID_INCLUDED_IN_NBR = 'Y' for cycle year
%	(Number [for State] / Number [for Report]) * 100
Reported Status	
LQG	COUNT(DISTINCT BR_REPORTING.HANDLER_ID) where GEN_ID_INCLUDED_IN_NBR = 'Y' and FED_WASTE_GENERATOR = '1' for cycle year
Non-LQG	COUNT(DISTINCT BR_REPORTING.HANDLER_ID) where GEN_ID_INCLUDED_IN_NBR = 'Y' and FED_WASTE_GENERATOR <> '1' for cycle year

Sorted by Number of Generators, Descending

Heading	**Data Source**
State	BR_REPORTING.STATE
Number of Generators	
Rank	*Calculated; see Primary SQL*
Number	COUNT(DISTINCT BR_REPORTING.HANDLER_ID) where GEN_ID_INCLUDED_IN_NBR = 'Y' for cycle year
%	(Number [for State] / Number [for Report]) * 100
Hazardous Waste Quantity	
Rank	*Calculated; see Primary SQL*
Tons Generated	SUM (BR_REPORTING.GENERATION_TONS) where GEN_WASTE_INCLUDED_IN_NBR = 'Y' for cycle year
%	(Tons Generated [for State] / Tons Generated [for Report]) * 100
Reported Status	
LQG	COUNT(DISTINCT BR_REPORTING.HANDLER_ID) where GEN_ID_INCLUDED_IN_NBR = 'Y' and FED_WASTE_GENERATOR = '1' for cycle year
Non-LQG	COUNT(DISTINCT BR_REPORTING.HANDLER_ID) where GEN_ID_INCLUDED_IN_NBR = 'Y' and FED_WASTE_GENERATOR <> '1' for cycle year

TOP 50 QUANTITIES OF RCRA HAZARDOUS WASTE GENERATED, BY NAICS CODE REPORT

REPORT DESCRIPTION

This report lists the top fifty (50) four-digit primary NAICS codes which generated the most waste within the sites selected (State or National). The primary NAICS codes are ranked high to low based on their total tons of hazardous waste generated. The four-digit primary NAICS code, the NAICS description, and total quantity of RCRA hazardous waste generated (in tons) are provided.

All generated quantities refer to the generated quantities reported for the National Biennial RCRA Hazardous Waste Report. Quantities are limited to wastes meeting the following criteria:

- the site that has been flagged for inclusion in the National Biennial RCRA Hazardous Waste Report
- the GM form has been flagged for inclusion in the National Biennial RCRA Hazardous Waste Report
- the generated quantity was greater than zero

View Sample Report (in PDF format)

SELECT LOGIC

This report selects all records from the Biennial Report Reporting Table where:

- Site is marked for inclusion in the National Report
- waste stream is marked for inclusion in the National Report for generation
- generated quantity is greater than zero
- meets the user-selected criteria

View Primary SQL (in PDF format)

SELECTION CRITERIA

Search Element	Values	Default Value	Required
Location	List of States and National	Your Profile State	Yes
BR Cycle	List of report cycles, 2001 to current	Null	Yes

REPORT HEADINGS

Heading	Data Source
Rank	ROWNUM
NAICS Code	SUBSTR(BR_REPORTING.PRIMARY_NAICS,1,4)
Description	SUBSTR(BR_REPORTING.PRIMARY_NAICS,1,4)
Tons Generated (Tons)	SUM (BR_REPORTING.GENERATION_TONS) where GEN_WASTE_INCLUDED_IN_NBR = 'Y' for cycle year

Waste Management

FIFTY LARGEST RCRA HAZARDOUS WASTE MANAGERS REPORT

REPORT DESCRIPTION

This report lists the fifty largest RCRA hazardous waste managers within the sites selected (State or National). The managers are ranked high to low based on their total RCRA hazardous waste managed. The handler id, handler name, location city, and total quantity of federal RCRA hazardous waste managed (in tons) are provided. There may be less than fifty sites listed due to a State having less than fifty management facilities.

All managed quantities refer to the managed and received quantities reported for the National Biennial RCRA Hazardous Waste Report. Facilities and quantities are limited by the following criteria:

- the site that has been flagged for inclusion in the National Biennial RCRA Hazardous Waste Report
- the waste managed has been flagged for inclusion in the National Biennial RCRA Hazardous Waste Report
- the managed quantity was greater than zero
- the waste was managed in a system other than storage or transfer (management method <> 'H141')

View Sample Report (in PDF format)

SELECT LOGIC

This report selects all records from the Biennial Report Reporting Table where:

- Site is marked for inclusion in the National Report
- waste stream is marked for inclusion in the National Report for management
- managed quantity is greater than zero
- waste is managed in a system other than storage or transfer (management method <> 'H141')
- meets the user-selected criteria

View Primary SQL (in PDF format)

SELECTION CRITERIA

Search Element	Values	Default Value	Required
Location	List of States and National	Your Profile State	Yes
BR Cycle	List of report cycles, 2001 to current	Null	Yes

REPORT HEADINGS

Heading	Data Source
Rank	ROWNUM
EPA ID	BR_REPORTING.HANDLER_ID
Site Name	BR_REPORTING.HANDLER_NAME
City	BR_REPORTING.LOCATION_CITY
Total Managed (Tons)	SUM (BR_REPORTING.MANAGED_TONS) where MGMT_WASTE_INCLUDED_IN_NBR = 'Y' for cycle year

MANAGEMENT BY MANAGEMENT METHOD REPORT

REPORT DESCRIPTION

For each defined waste management method category, this report provides the aggregate National Biennial RCRA Hazardous Waste Report managed quantity of hazardous waste under the method, the quantity as a percentage of the total managed quantity, the number of facilities contributing to the aggregate National Report managed quantity, and the number of facilities as a percentage of the total facility count.

Data is limited to the following criteria:

- the site that has been flagged for inclusion in the National Biennial RCRA Hazardous Waste Report
- the waste managed has been flagged for inclusion in the National Biennial RCRA Hazardous Waste Report

The report provides three views of the data: 1) sorted alphabetically by management method category; 2) sorted in descending order by the quantity of waste managed; and 3) sorted in descending order by the number of facilities contributing to the managed quantity.

The management categories defined for this report are as follows:

Category Name	Management Method Codes
Metals Recovery	H010
Solvents Recovery	H020
Other Recovery	H039
Incineration	H040
Energy Recovery	H050
Fuel Blending	H061
Sludge Trtmnt / Stab / Encap	H101, H110, H111, H112
Other Treatment	H129
Surf: Imp. Closed as Landfill	H130
Land Treatment / Application	H131
Landfill	H132
Deepwell / Underground Injection	H134
Wastewater Treatment	H070, H071, H073, H075, H076, H077, H081, H082, H083, H100, H103, H120, H121, H122, H123, H124, H135

Other Disposal	H139
Storage and/or Transfer	H141

View Sample Report (in PDF format)

SELECT LOGIC

This report selects all records from the Biennial Report Reporting Table where:

- Site is marked for inclusion in the National Report
- waste stream is marked for inclusion in the National Report for management
- meets the user-selected criteria

View Primary SQL (in PDF format)

SELECTION CRITERIA

Search Element	Values	Default Value	Required
Location	List of States and National	Your Profile State	Yes
BR Cycle	List of report cycles, 2001 to current	Null	Yes

REPORT HEADINGS

Quantity of RCRA Hazardous Waste Managed by Management Method

Heading	Data Source
Management Method	BR_REPORTING.MANAGEMENT_METHOD
Quantity Managed (tons)	SUM (BR_REPORTING.MANAGED_TONS) where MGMT_WASTE_INCLUDED_IN_NBR = 'Y' for cycle year
Percentage of Quantity	(Quantity Managed [for Management Method] / Quantity Managed [for Report]) * 100
Number of Facilities	COUNT(DISTINCT BR_REPORTING.HANDLER_ID) where MGMT_ID_INCLUDED_IN_NBR = 'Y' for cycle year
Percentage of Facilities	(Number of Facilities [for Management Method] / Number of Facilities [for Report]) * 100

Management Method by Quantity of RCRA Hazardous Waste Managed

Heading	Data Source
Management Method	BR_REPORTING.MANAGEMENT_METHOD
Quantity Managed (tons)	SUM (BR_REPORTING.MANAGED_TONS) where MGMT_WASTE_INCLUDED_IN_NBR = 'Y' for cycle year
Percentage of Quantity	(Quantity Managed [for Management Method] / Quantity Managed [for Report]) * 100
Number of Facilities	COUNT(DISTINCT BR_REPORTING.HANDLER_ID) where MGMT_ID_INCLUDED_IN_NBR = 'Y' for cycle year
Percentage of Facilities	(Number of Facilities [for Management Method] / Number of Facilities [for Report]) * 100

Management Method and Quantity Managed by Number of Facilities

Heading	Data Source
Management Method	BR_REPORTING.MANAGEMENT_METHOD
Quantity Managed (tons)	SUM (BR_REPORTING.MANAGED_TONS) where MGMT_WASTE_INCLUDED_IN_NBR = 'Y' for cycle year
Percentage of Quantity	(Quantity Managed [for Management Method] / Quantity Managed [for Report]) * 100
Number of Facilities	COUNT(DISTINCT BR_REPORTING.HANDLER_ID) where MGMT_ID_INCLUDED_IN_NBR = 'Y' for cycle year
Percentage of Facilities	(Number of Facilities [for Management Method] / Number of Facilities [for Report]) * 100

QUANTITY OF HW WASTE MANAGED AND NUMBER OF HW MANAGERS CONTRIBUTING, BY STATE REPORT

REPORT DESCRIPTION

This report provides the following waste management related information for each state: the state's total quantity of RCRA hazardous waste managed, the state's total quantity as a percentage of the total managed quantity, the state's rank based on managed quantity, the number of facilities contributing to the state's managed quantity, the state's number of facilities as a percentage of the total number of facilities, and the state's rank based on number of facilities. The report also shows the number of facilities for each state that are treatment, storage, and disposal (TSD) facilities and the number of facilities for each state that are non-TSDs.

Quantities in the report refer to the combined managed and received quantities of hazardous waste listed in the National Biennial RCRA Hazardous Waste Report. Quantities are limited to wastes meeting the following criteria:

- the site that has been flagged for inclusion in the National Biennial RCRA Hazardous Waste Report
- the waste managed has been flagged for inclusion in the National Biennial RCRA Hazardous Waste Report

Note: Wastes managed by storage only are excluded.

The report provides three views of the data: 1) sorted alphabetically by state name; 2) sorted in descending order by the quantity of waste managed; and 3) sorted in descending order by the number of facilities contributing to the managed quantity.

View Sample Report (in PDF format)

SELECT LOGIC

This report selects all records from the Biennial Report Reporting Table where:

- Site is marked for inclusion in the National Report
- waste stream is marked for inclusion in the National Report for management
- meets the user-selected criteria

View Primary SQL (in PDF format)

SELECTION CRITERIA

Search Element	Values	Default Value	Required
Location	List of States and National	Your Profile State	Yes
BR Cycle	List of report cycles, 2001 to current	Null	Yes

REPORT HEADINGS

Sorted by State

Heading	Data Source
State	BR_REPORTING.STATE
Hazardous Waste Quantity	
Rank	*Calculated; see Primary SQL*
Tons Managed	SUM (BR_REPORTING.MANAGED_TONS) where MGMT_WASTE_INCLUDED_IN_NBR = 'Y' for cycle year
%	(Tons Managed [for State] / Tons Managed [for Report]) * 100
Number of Managers	
Rank	*Calculated; see Primary SQL*
Number	COUNT(DISTINCT BR_REPORTING.HANDLER_ID) where MGMT_ID_INCLUDED_IN_NBR = 'Y' for cycle year
%	(Number [for State] / Number [for Report]) * 100
Reported Status	
TSDF	COUNT(DISTINCT BR_REPORTING.HANDLER_ID) where MGMT_ID_INCLUDED_IN_NBR = 'Y' and TSD_ACTIVITY = 'Y' for cycle year
Non-TSDF	COUNT(DISTINCT BR_REPORTING.HANDLER_ID) where MGMT_ID_INCLUDED_IN_NBR = 'Y' and TSD_ACTIVITY = 'N' for cycle year

Sorted by Tons Managed, Descending

Heading	Data Source
State	BR_REPORTING.STATE
Hazardous Waste Quantity	
Rank	*Calculated; see Primary SQL*
Tons Managed	SUM (BR_REPORTING.MANAGED_TONS) where MGMT_WASTE_INCLUDED_IN_NBR = 'Y' for cycle year

%	(Tons Managed [for State] / Tons Managed [for Report]) * 100
Number of Managers	
Rank	*Calculated; see Primary SQL*
Number	COUNT(DISTINCT BR_REPORTING.HANDLER_ID) where MGMT_ID_INCLUDED_IN_NBR = 'Y' for cycle year
%	(Number [for State] / Number [for Report]) * 100
Reported Status	
TSDF	COUNT(DISTINCT BR_REPORTING.HANDLER_ID) where MGMT_ID_INCLUDED_IN_NBR = 'Y' and TSD_ACTIVITY = 'Y' for cycle year
Non-TSDF	COUNT(DISTINCT BR_REPORTING.HANDLER_ID) where MGMT_ID_INCLUDED_IN_NBR = 'Y' and TSD_ACTIVITY = 'N' for cycle year

Sorted by Number of Managers, Descending

Heading	**Data Source**
State	BR_REPORTING.STATE
Number of Managers	
Rank	*Calculated; see Primary SQL*
Number	COUNT(DISTINCT BR_REPORTING.HANDLER_ID) where MGMT_ID_INCLUDED_IN_NBR = 'Y' for cycle year
%	(Number [for State] / Number [for Report]) * 100
Hazardous Waste Quantity	
Rank	*Calculated; see Primary SQL*
Tons Managed	SUM (BR_REPORTING.MANAGED_TONS) where MGMT_WASTE_INCLUDED_IN_NBR = 'Y' for cycle year
%	(Tons Managed [for State] / Tons Managed [for Report]) * 100
Reported Status	
TSDF	COUNT(DISTINCT BR_REPORTING.HANDLER_ID) where MGMT_ID_INCLUDED_IN_NBR = 'Y' and TSD_ACTIVITY = 'Y' for cycle year
Non-TSDF	COUNT(DISTINCT BR_REPORTING.HANDLER_ID) where MGMT_ID_INCLUDED_IN_NBR = 'Y' and TSD_ACTIVITY = 'N' for cycle year

Waste Shipments

FIFTY LARGEST RCRA HAZARDOUS WASTE SHIPPERS REPORT

REPORT DESCRIPTION

This report lists the fifty largest RCRA hazardous waste shippers within the sites selected (State or National). The shippers are ranked high to low based on their total RCRA hazardous waste shipped. The handler id, handler name, location city, and total quantity of federal RCRA hazardous waste shipped (in tons) are provided. There may be less than fifty sites listed due to a State having less than fifty shippers.

All shipped quantities refer to the shipped quantities reported for the National Biennial RCRA Hazardous Waste Report. Quantities are limited to wastes meeting the following criteria:

- the site that has been flagged for inclusion in the National Biennial RCRA Hazardous Waste Report
- the waste has been flagged for inclusion in the National Biennial RCRA Hazardous Waste Report

View Sample Report (in PDF format)

SELECT LOGIC

This report selects all records from the Biennial Report Reporting Table where:

- Site is marked for inclusion in the National Report
- waste stream is marked for inclusion in the National Report for shipments
- meets the user-selected criteria

View Primary SQL (in PDF format)

SELECTION CRITERIA

Search Element	Values	Default Value	Required
Location	List of States and National	Your Profile State	Yes
BR Cycle	List of report cycles, 2001 to current	Null	Yes

REPORT HEADINGS

Heading	Data Source
Rank	ROWNUM
EPA ID	BR_REPORTING.HANDLER_ID
Site Name	BR_REPORTING.HANDLER_NAME
City	BR_REPORTING.LOCATION_CITY
Total Shipped (Tons)	SUM (BR_REPORTING.SHIPPED_TONS) where SHIP_WASTE_INCLUDED_IN_NBR = 'Y' for cycle year

QUANTITY OF RCRA HAZARDOUS WASTE SHIPPED AND NUMBER OF HAZARDOUS WASTE SHIPPERS, BY STATE REPORT

REPORT DESCRIPTION

This report provides the following waste shipment related information for each state: the state's total quantity of RCRA hazardous waste shipped off-site, the state's total quantity as a percentage of the report's total shipped quantity, the state's rank based on shipped quantity, the number of facilities contributing to the state's shipped quantity, the state's number of facilities as a percentage of the report's total number of facilities, the state's rank based on number of facilities, the number of facilities that are large quantity generators (LQGs), and the number of facilities that are not LQGs.

All shippers and shipment quantities refer to those reported for the National Biennial RCRA Hazardous Waste Report. Data is limited to the following criteria:

- the site that has been flagged for inclusion in the National Biennial RCRA Hazardous Waste Report
- the waste shipped has been flagged for inclusion in the National Biennial RCRA Hazardous Waste Report

The report provides three views of the data: 1) sorted alphabetically by state name; 2) sorted in descending order by the quantity of waste shipped; and 3) sorted in descending order by the number of shippers contributing to the shipped quantity.

View Sample Report (in PDF format)

SELECT LOGIC

This report selects all records from the Biennial Report Reporting Table where:

- Site is marked for inclusion in the National Report
- waste stream is marked for inclusion in the National Report for shipments
- meets the user-selected criteria

View Primary SQL (in PDF format)

SELECTION CRITERIA

Search Element	Values	Default Value	Required
Location	List of States and	Your Profile State	Yes

	National		
BR Cycle	List of report cycles, 2001 to current	Null	Yes

REPORT HEADINGS

Sorted by State

Heading	Data Source
State	BR_REPORTING.STATE
Hazardous Waste Quantity	
Rank	*Calculated; see Primary SQL*
Tons Shipped	SUM (BR_REPORTING.SHIPPED_TONS) where SHIP_WASTE_INCLUDED_IN_NBR = 'Y' for cycle year
%	(Tons Shipped [for State] / Tons Shipped [for Report]) * 100
Number of Shippers	
Rank	*Calculated; see Primary SQL*
Number	COUNT(DISTINCT BR_REPORTING.HANDLER_ID) where SHIP_ID_INCLUDED_IN_NBR = 'Y' for cycle year
%	(Number [for State] / Number [for Report]) * 100
Reported Status	
LQG	COUNT(DISTINCT BR_REPORTING.HANDLER_ID) where SHIP_ID_INCLUDED_IN_NBR = 'Y' and FED_WASTE_GENERATOR = '1' for cycle year
Non-LQG	COUNT(DISTINCT BR_REPORTING.HANDLER_ID) where SHIP_ID_INCLUDED_IN_NBR = 'Y' and FED_WASTE_GENERATOR <> '1' for cycle year

Sorted by Tons Shipped, Descending

Heading	Data Source
State	BR_REPORTING.STATE
Hazardous Waste Quantity	
Rank	*Calculated; see Primary SQL*
Tons Shipped	SUM (BR_REPORTING.SHIPPED_TONS) where SHIP_WASTE_INCLUDED_IN_NBR = 'Y' for cycle year
%	(Tons Shipped [for State] / Tons Shipped [for Report]) * 100
Number of Shippers	

Rank	*Calculated; see Primary SQL*
Number	COUNT(DISTINCT BR_REPORTING.HANDLER_ID) where SHIP_ID_INCLUDED_IN_NBR = 'Y' for cycle year
%	(Number [for State] / Number [for Report]) * 100
Reported Status	
LQG	COUNT(DISTINCT BR_REPORTING.HANDLER_ID) where SHIP_ID_INCLUDED_IN_NBR = 'Y' and FED_WASTE_GENERATOR = '1' for cycle year
Non-LQG	COUNT(DISTINCT BR_REPORTING.HANDLER_ID) where SHIP_ID_INCLUDED_IN_NBR = 'Y' and FED_WASTE_GENERATOR <> '1' for cycle year

Sorted by Number of Shippers, Descending

Heading	**Data Source**
State	BR_REPORTING.STATE
Number of Shippers	
Rank	*Calculated; see Primary SQL*
Number	COUNT(DISTINCT BR_REPORTING.HANDLER_ID) where SHIP_ID_INCLUDED_IN_NBR = 'Y' for cycle year
%	(Number [for State] / Number [for Report]) * 100
Hazardous Waste Quantity	
Rank	*Calculated; see Primary SQL*
Tons Shipped	SUM (BR_REPORTING.SHIPPED_TONS) where SHIP_WASTE_INCLUDED_IN_NBR = 'Y' for cycle year
%	(Tons Shipped [for State] / Tons Shipped [for Report]) * 100
Reported Status	
LQG	COUNT(DISTINCT BR_REPORTING.HANDLER_ID) where SHIP_ID_INCLUDED_IN_NBR = 'Y' and FED_WASTE_GENERATOR = '1' for cycle year
Non-LQG	COUNT(DISTINCT BR_REPORTING.HANDLER_ID) where SHIP_ID_INCLUDED_IN_NBR = 'Y' and FED_WASTE_GENERATOR <> '1' for cycle year

RCRA HAZARDOUS WASTE INTERSTATE SHIPMENTS AND RECEIPTS, BY STATE REPORT

REPORT DESCRIPTION

This report provides aggregate quantities of RCRA hazardous waste interstate shipments and receipts for each state.

All interstate shipment quantities are limited to wastes meeting the following criteria:

- the site that has been flagged for inclusion in the National Biennial RCRA Hazardous Waste Report
- the waste has been flagged for inclusion in the National Biennial RCRA Hazardous Waste Report
- the waste was shipped to a state other than the state where the waste was generated

All interstate received quantities are limited to wastes meeting the following criteria:

- the site that has been flagged for inclusion in the National Biennial RCRA Hazardous Waste Report
- the waste has been flagged for inclusion in the National Biennial RCRA Hazardous Waste Report
- the waste was received by a state other than the state where the waste was shipped

View Sample Report (in PDF format)

SELECT LOGIC

This report selects all records from the Biennial Report Reporting Table where:

- Site is marked for inclusion in the National Report
- waste stream is marked for inclusion in the National Report for shipments or waste stream is marked for inclusion in the National Report for receipts
- site state and shipped to state do not match or site state and shipped from state do not match
- meets the user-selected criteria

View Primary SQL (in PDF format)

SELECTION CRITERIA

Search Element	Values	Default Value	Required
Location	List of States and National	Your Profile State	Yes
BR Cycle	List of report cycles, 2001 to current	Null	Yes

REPORT HEADINGS

Heading	Data Source
State	BR_REPORTING.STATE
Interstate Shipments (Tons)	SUM(BR_REPORTING.SHIPPED_TONS) where SHIP_WASTE_INCLUDED_IN_NBR = 'Y' for cycle year and SUBSTR(BR_REPORTING.HANDLER_ID,1,2) <> SUBSTR(BR_REPORTING.RECEIVER_ID,1,2)
Interstate Receipts (Tons)	SUM(BR_REPORTING.RECEIVED_TONS) where RECV_WASTE_INCLUDED_IN_NBR = 'Y' for cycle year and SUBSTR(BR_REPORTING.HANDLER_ID,1,2) <> SUBSTR(BR_REPORTING.SHIPPER_ID,1,2)

Waste Receipts

FIFTY LARGEST RCRA HAZARDOUS WASTE RECEIVERS REPORT

REPORT DESCRIPTION

This report lists the fifty largest RCRA hazardous waste receivers within the sites selected (State or National). The receivers are ranked high to low based on their total RCRA hazardous waste received. The handler id, handler name, location city, and total quantity of federal RCRA hazardous waste received (in tons) are provided. There may be less than fifty sites listed due to a State having less than fifty receivers.

All received quantities refer to the managed and received quantities reported for the National Biennial RCRA Hazardous Waste Report. Facilities and quantities are limited by the following criteria:

- the site that has been flagged for inclusion in the National Biennial RCRA Hazardous Waste Report
- the waste received has been flagged for inclusion in the National Biennial RCRA Hazardous Waste Report

View Sample Report (in PDF format)

SELECT LOGIC

This report selects all records from the Biennial Report Reporting Table where:

- Site is marked for inclusion in the National Report
- waste stream is marked for inclusion in the National Report for receipts
- meets the user-selected criteria

View Primary SQL (in PDF format)

SELECTION CRITERIA

Search Element	Values	Default Value	Required
Location	List of States and National	Your Profile State	Yes
BR Cycle	List of report cycles, 2001 to current	Null	Yes

REPORT HEADINGS

Heading	Data Source
Rank	ROWNUM
EPA ID	BR_REPORTING.HANDLER_ID
Site Name	BR_REPORTING.HANDLER_NAME
City	BR_REPORTING.LOCATION_CITY
Total Received (Tons)	SUM (BR_REPORTING.RECEIVED_TONS) where RECV_WASTE_INCLUDED_IN_NBR = 'Y' for cycle year

MANAGEMENT BY MANAGEMENT METHOD, LIMITED TO OFF-SITE RECEIPTS REPORT

REPORT DESCRIPTION

This report limits the quantities of managed waste to waste received from off-site. For each defined waste management method category, this report provides the aggregate National Biennial RCRA Hazardous Waste Report managed quantity of hazardous waste under the method, the quantity as a percentage of the total managed quantity, the number of facilities contributing to the aggregate National Report managed quantity, and the number of facilities as a percentage of the total facility count.

Data is limited to the following criteria:

- the site that has been flagged for inclusion in the National Biennial RCRA Hazardous Waste Report
- the waste managed has been flagged for inclusion in the National Biennial RCRA Hazardous Waste Report
- the waste was received from off-site

The report provides three views of the data: 1) sorted alphabetically by management method category; 2) sorted in descending order by the quantity of waste managed; and 3) sorted in descending order by the number of facilities contributing to the managed quantity.

The management categories defined for this report are as follows:

Category Name	Management Method Codes
Metals Recovery	H010
Solvents Recovery	H020
Other Recovery	H039
Incineration	H040
Energy Recovery	H050
Fuel Blending	H061
Sludge Trtmnt / Stab / Encap	H101, H110, H111, H112
Other Treatment	H129
Surf: Imp. Closed as Landfill	H130
Land Treatment / Application	H131
Landfill	H132
Deepwell / Underground Injection	H134

Wastewater Treatment	H070, H071, H073, H075, H076, H077, H081, H082, H083, H100, H103, H120, H121, H122, H123, H124, H135
Other Disposal	H139
Storage and/or Transfer	H141

View Sample Report (in PDF format)

SELECT LOGIC

This report selects all records from the Biennial Report Reporting Table where:

- Site is marked for inclusion in the National Report
- waste stream is marked for inclusion in the National Report for management
- waste was received from off-site
- meets the user-selected criteria

View Primary SQL (in PDF format)

SELECTION CRITERIA

Search Element	Values	Default Value	Required
Location	List of States and National	Your Profile State	Yes
BR Cycle	List of report cycles, 2001 to current	Null	Yes

REPORT HEADINGS

Quantity of RCRA Hazardous Waste Managed, by Management Method - Limited to Waste Received from Off-site

Heading	Data Source
Management Method	BR_REPORTING.MANAGEMENT_METHOD
Quantity Managed (tons)	SUM (BR_REPORTING.RECEIVED_TONS) where RECV_WASTE_INCLUDED_IN_NBR = 'Y' for cycle year
Percentage of Quantity	(Quantity Managed [for Management Method] / Quantity Managed [for Report]) * 100
Number of Facilities	COUNT(DISTINCT BR_REPORTING.HANDLER_ID) where RECV_ID_INCLUDED_IN_NBR = 'Y' for cycle year

Percentage of Facilities	(Number of Facilities [for Management Method] / Number of Facilities [for Report]) * 100

Management Method by Quantity of RCRA Hazardous Waste Managed - Limited to Waste Received from Off-site

Heading	Data Source
Management Method	BR_REPORTING.MANAGEMENT_METHOD
Quantity Managed (tons)	SUM (BR_REPORTING.RECEIVED_TONS) where RECV_WASTE_INCLUDED_IN_NBR = 'Y' for cycle year
Percentage of Quantity	(Quantity Managed [for Management Method] / Quantity Managed [for Report]) * 100
Number of Facilities	COUNT(DISTINCT BR_REPORTING.HANDLER_ID) where RECV_ID_INCLUDED_IN_NBR = 'Y' for cycle year
Percentage of Facilities	(Number of Facilities [for Management Method] / Number of Facilities [for Report]) * 100

Management Method and Quantity Managed, by Number of Facilities - Limited to Waste Received from Off-site

Heading	Data Source
Management Method	BR_REPORTING.MANAGEMENT_METHOD
Quantity Managed (tons)	SUM (BR_REPORTING.RECEIVED_TONS) where RECV_WASTE_INCLUDED_IN_NBR = 'Y' for cycle year
Percentage of Quantity	(Quantity Managed [for Management Method] / Quantity Managed [for Report]) * 100
Number of Facilities	COUNT(DISTINCT BR_REPORTING.HANDLER_ID) where RECV_ID_INCLUDED_IN_NBR = 'Y' for cycle year
Percentage of Facilities	(Number of Facilities [for Management Method] / Number of Facilities [for Report]) * 100

QUANTITY OF RCRA HAZARDOUS WASTE RECEIVED AND NUMBER OF HAZARDOUS WASTE RECEIVERS, BY STATE REPORT

REPORT DESCRIPTION

This report provides the following waste received related information for each state: the state's total quantity of RCRA hazardous waste received, the state's total quantity as a percentage of the total received quantity, the state's rank based on received quantity, the number of facilities contributing to the state's received quantity, the state's number of facilities as a percentage of the total number of facilities, and the state's rank based on number of facilities. The report also shows the number of facilities for each state that are treatment, storage, and disposal (TSD) facilities and the number of facilities for each state that are non-TSDs.

Quantities in the report refer to the received quantities of hazardous waste listed in the National Biennial RCRA Hazardous Waste Report. Quantities are limited to wastes meeting the following criteria:

- the site that has been flagged for inclusion in the National Biennial RCRA Hazardous Waste Report
- the waste received has been flagged for inclusion in the National Biennial RCRA Hazardous Waste Report

The report provides three views of the data: 1) sorted alphabetically by state name; 2) sorted in descending order by the quantity of waste received; and 3) sorted in descending order by the number of facilities contributing to the received quantity.

View Sample Report (in PDF format)

SELECT LOGIC

This report selects all records from the Biennial Report Reporting Table where:

- Site is marked for inclusion in the National Report
- waste stream is marked for inclusion in the National Report for receipts
- meets the user-selected criteria

View Primary SQL (in PDF format)

SELECTION CRITERIA

Search Element	Values	Default Value	Required
Location	List of States and National	Your Profile State	Yes
BR Cycle	List of report cycles, 2001 to current	Null	Yes

REPORT HEADINGS

Sorted by State

Heading	Data Source
State	BR_REPORTING.STATE
Hazardous Waste Quantity	
Rank	*Calculated; see Primary SQL*
Tons Received	SUM (BR_REPORTING.RECEIVED_TONS) where RECV_WASTE_INCLUDED_IN_NBR = 'Y' for cycle year
%	(Tons Received [for State] / Tons Received [for Report]) * 100
Number of Receivers	
Rank	*Calculated; see Primary SQL*
Number	COUNT(DISTINCT BR_REPORTING.HANDLER_ID) where RECV_ID_INCLUDED_IN_NBR = 'Y' for cycle year
%	(Number [for State] / Number [for Report]) * 100
Reported Status	
TSDF	COUNT(DISTINCT BR_REPORTING.HANDLER_ID) where RECV_ID_INCLUDED_IN_NBR = 'Y' and TSD_ACTIVITY = 'Y' for cycle year
Non-TSDF	COUNT(DISTINCT BR_REPORTING.HANDLER_ID) where RECV_ID_INCLUDED_IN_NBR = 'Y' and TSD_ACTIVITY = 'N' for cycle year

Sorted by Tons Received, Descending

Heading	Data Source
State	BR_REPORTING.STATE
Hazardous Waste Quantity	
Rank	*Calculated; see Primary SQL*
Tons Received	SUM (BR_REPORTING.RECEIVED_TONS) where RECV_WASTE_INCLUDED_IN_NBR = 'Y' for cycle year

%	(Tons Received [for State] / Tons Received [for Report]) * 100
Number of Receivers	
Rank	*Calculated; see Primary SQL*
Number	COUNT(DISTINCT BR_REPORTING.HANDLER_ID) where RECV_ID_INCLUDED_IN_NBR = 'Y' for cycle year
%	(Number [for State] / Number [for Report]) * 100
Reported Status	
TSDF	COUNT(DISTINCT BR_REPORTING.HANDLER_ID) where RECV_ID_INCLUDED_IN_NBR = 'Y' and TSD_ACTIVITY = 'Y' for cycle year
Non-TSDF	COUNT(DISTINCT BR_REPORTING.HANDLER_ID) where RECV_ID_INCLUDED_IN_NBR = 'Y' and TSD_ACTIVITY = 'N' for cycle year

Sorted by Number of Receivers, Descending

Heading	**Data Source**
State	BR_REPORTING.STATE
Number of Receivers	
Rank	*Calculated; see Primary SQL*
Number	COUNT(DISTINCT BR_REPORTING.HANDLER_ID) where RECV_ID_INCLUDED_IN_NBR = 'Y' for cycle year
%	(Number [for State] / Number [for Report]) * 100
Hazardous Waste Quantity	
Rank	*Calculated; see Primary SQL*
Tons Received	SUM (BR_REPORTING.RECEIVED_TONS) where RECV_WASTE_INCLUDED_IN_NBR = 'Y' for cycle year
%	(Tons Received [for State] / Tons Received [for Report]) * 100
Reported Status	
TSDF	COUNT(DISTINCT BR_REPORTING.HANDLER_ID) where RECV_ID_INCLUDED_IN_NBR = 'Y' and TSD_ACTIVITY = 'Y' for cycle year
Non-TSDF	COUNT(DISTINCT BR_REPORTING.HANDLER_ID) where RECV_ID_INCLUDED_IN_NBR = 'Y' and TSD_ACTIVITY = 'N' for cycle year

User Management

RCRAINFO USERS PERMISSIONS REPORT

REPORT DESCRIPTION

The report shows the permissions associated with a user / entity combination for every module within the RCRAInfo application (Handler, Biennial Report, CM&E, Lookup Maintenance, etc.). The report may be sorted by user or by entity.

View Sample Report Sorted by User (in PDF format) or Sample Report Sorted by Entity (in PDF format)

SELECT LOGIC

This report selects all records from the RCRAInfo Permissions View where:

- meets the user-selected criteria

View Primary SQL (in PDF format)

SELECTION CRITERIA

Search Element	Values	Default Value	Required
Entity	List of States, Regions, and Headquarters	Null	No
First Name	User Specified	Null	No
Last Name	User Specified	Null	No
User ID	User Specified	Null	No
User Status	• Active • Inactive	Active	Yes

Module / Permission	• Handler
	  ▪ AddUpdate
	  ▪ Delete
	  ▪ Admin
	• Compliance, Monitoring and Enforcement
	  ▪ AddUpdate
	  ▪ Delete
	  ▪ Admin
	• User Maintenance
		Null	No

	▪ Active • Lookup Maintenance ▪ Active • Tribal Maintenance ▪ Active • myRCRAid Maintenance ▪ Active • Biennial Report Maintenance ▪ Active • Biennial Report Load ▪ Active • PCB Maintenance ▪ Active • Industry User Maintenance ▪ Active • API Manager ▪ Active • Biennial Report Update ▪ Active		
Sort Order	• Order by User • Order by Entity	Null	Yes

REPORT HEADINGS

Note: headings in parentheses ( ) are implied and do not appear on the report.

RCRAInfo Users Permissions Report Sorted by User

Heading	**Data Source**
User Name	RCRAINFO_PERMISSIONS_VIEW.FIRST_NAME, RCRAINFO_PERMISSIONS_VIEW.LAST_NAME
Status	RCRAINFO_PERMISSIONS.VIEW.STATUS
User Id	RCRAINFO_PERMISSIONS_VIEW.USER_ID
Entity	RCRAINFO_PERMISSIONS_VIEW.ENTITY_NAME
User Mgmt	RCRAINFO_PERMISSIONS_VIEW.USER_MANAGEMENT
Handler	RCRAINFO_PERMISSIONS_VIEW.HANDLER
CM&E	RCRAINFO_PERMISSIONS_VIEW.CME
Corrective Action	RCRAINFO_PERMISSIONS_VIEW.CA (not implemented, currently set to "N/A")

Permitting	RCRAINFO_PERMISSIONS_VIEW.PERMITTING (not implemented, currently set to "N/A")
Fin. Assurance	RCRAINFO_PERMISSIONS_VIEW.FA (not implemented, currently set to "N/A")
GIS	RCRAINFO_PERMISSIONS_VIEW.GIS (not implemented, currently set to "N/A")
Biennial Report	RCRAINFO_PERMISSIONS_VIEW.BR_MAINTENANCE, RCRAINFO_PERMISSIONS_VIEW.BR_LOAD
myRCRAid Maint.	RCRAINFO_PERMISSIONS_VIEW.MYRCRAID_MAINTENANCE
Lookup Maint.	RCRAINFO_PERMISSIONS_VIEW.LOOKUP_MAINTENANCE
PCB Maint.	RCRAINFO_PERMISSIONS_VIEW.PCB_MAINTENANCE
Tribal Maint.	RCRAINFO_PERMISSIONS_VIEW.TRIBAL_MAINTENANCE

RCRAInfo Users Permissions Report Sorted by Entity

Heading	**Data Source**
Entity	RCRAINFO_PERMISSIONS_VIEW.ENTITY_NAME
User Name	RCRAINFO_PERMISSIONS_VIEW.FIRST_NAME, RCRAINFO_PERMISSIONS_VIEW.LAST_NAME, RCRAINFO_PERMISSIONS_VIEW.USER_ID
User Mgmt	RCRAINFO_PERMISSIONS_VIEW.USER_MANAGEMENT
Handler	RCRAINFO_PERMISSIONS_VIEW.HANDLER
CM&E	RCRAINFO_PERMISSIONS_VIEW.CME
Corrective Action	RCRAINFO_PERMISSIONS_VIEW.CA (not implemented, currently set to "N/A")
Permitting	RCRAINFO_PERMISSIONS_VIEW.PERMITTING (not implemented, currently set to "N/A")
Fin. Assurance	RCRAINFO_PERMISSIONS_VIEW.FA (not implemented, currently set to "N/A")
GIS	RCRAINFO_PERMISSIONS_VIEW.GIS (not implemented, currently set to "N/A")
Biennial Report	RCRAINFO_PERMISSIONS_VIEW.BR_MAINTENANCE, RCRAINFO_PERMISSIONS_VIEW.BR_LOAD
myRCRAid Maint.	RCRAINFO_PERMISSIONS_VIEW.MYRCRAID_MAINTENANCE
Lookup Maint.	RCRAINFO_PERMISSIONS_VIEW.LOOKUP_MAINTENANCE
PCB Maint.	RCRAINFO_PERMISSIONS_VIEW.PCB_MAINTENANCE
Tribal Maint.	RCRAINFO_PERMISSIONS_VIEW.TRIBAL_MAINTENANCE

Industry

HANDLERS WITH NO SIGNATORY AUTHORITY REPORT

REPORT DESCRIPTION

This report shows handlers that meets the user-specified criteria that do not have a signatory authority for the module specified. In this context, signatory authority is defined as a user that has Certifier permissions or the Site Manager role for the handler and has an approved ESA (either completed the ESA electronically or their paper ESA has been received). The report is sorted by Handler Name. Note: The handler must have at least one industry user associated with it to be considered for this report.

View Sample Report (in PDF format)

SELECT LOGIC

This report selects all records from the Industry Permissions View where:

- meets the user-selected criteria
- no record exists for the handler where
    - module permission = 'Certifier' and ESA status <> 'Pending'

View Primary SQL (in PDF format)

SELECTION CRITERIA

Search Element	Values	Default Value	Required
Location	List of States, Regions, and National	Your Profile State	Yes
Handler ID	User Specified	Null	No
Handler Name	User Specified	Null	No
Module	• myRCRAid • Biennial Report • eManifest	Null	Yes

REPORT HEADINGS

Note: headings in parentheses ( ) are implied and do not appear on the report.

Heading	Data Source

(State)	INDUSTRY_PERMISSIONS_VIEW.STATE
Region	INDUSTRY_PERMISSIONS_VIEW.REGION
(Handler Name)	INDUSTRY_PERMISSIONS_VIEW.HANDLER_NAME
(Location Address)	INDUSTRY_PERMISSIONS_VIEW.LOCATION_STREET_NO, INDUSTRY_PERMISSIONS_VIEW.LOCATION_STREET1, INDUSTRY_PERMISSIONS_VIEW.LOCATION_CITY
(Handler ID)	INDUSTRY_PERMISSIONS_VIEW.HANDLER_ID
User ID	INDUSTRY_PERMISSIONS_VIEW.USER_ID
User Name	INDUSTRY_PERMISSIONS_VIEW.FIRST_NAME, INDUSTRY_PERMISSIONS_VIEW.LAST_NAME
Organization	INDUSTRY_PERMISSIONS_VIEW.ORG_NAME
Email	INDUSTRY_PERMISSIONS_VIEW.EMAIL
Phone	INDUSTRY_PERMISSIONS_VIEW.PHONE, INDUSTRY_PERMISSIONS_VIEW.PHONE_EXTENSION
Site Mgr	INDUSTRY_PERMISSIONS_VIEW.SITE_MANAGER_PERMISSION
myRCRAid	INDUSTRY_PERMISSIONS_VIEW.MYRCRAID_PERMISSION
BR	INDUSTRY_PERMISSIONS_VIEW.BR_PERMISSION
eManifest	INDUSTRY_PERMISSIONS_VIEW.EMANIFEST_PERMISSION
ESA	INDUSTRY_PERMISSIONS_VIEW.ESA_STATUS

INDUSTRY PERMISSIONS REPORT

REPORT DESCRIPTION

The report shows the permissions associated with an industry user / handler id combination for every module within the industry application (myRCRAid, Biennial Report, and eManifest). The report also shows the ESA status for each user. The report may be sorted by user or by handler.

View Sample Report Sorted by User (in PDF format) or Sample Report Sorted by Handler (in PDF format)

SELECT LOGIC

This report selects all records from the Industry Permissions View where:

- meets the user-selected criteria

View Primary SQL (in PDF format)

SELECTION CRITERIA

Search Element	Values	Default Value	Required
Location	List of States, Regions, and National	Your Profile State	Yes

Module / Permission	• Site Manager
	  ▪ None
	  ▪ Active
	• myRCRAid
	  ▪ None
	  ▪ Viewer
	  ▪ Preparer
	  ▪ Certifier
	• Biennial Report
	  ▪ None
	  ▪ Viewer
	  ▪ Preparer
	  ▪ Certifier
	• eManifest
	  ▪ None
	  ▪ Viewer
	  ▪ Preparer
	  ▪ Certifier
		Null	No

Handler ID	User Specified	Null	No
Handler Name	User Specified	Null	No
Last Name	User Specified	Null	No
User ID	User Specified	Null	No
Sort Order	• Order by User • Order by Handler	Null	Yes

REPORT HEADINGS

Note: headings in parentheses ( ) are implied and do not appear on the report.

Industry Permissions Report Sorted by User

Heading	Data Source
User ID	INDUSTRY_PERMISSIONS_VIEW.USER_ID
(User Name)	INDUSTRY_PERMISSIONS_VIEW.FIRST_NAME, INDUSTRY_PERMISSIONS_VIEW.LAST_NAME
ESA Status	INDUSTRY_PERMISSIONS_VIEW.ESA_STATUS
Email	INDUSTRY_PERMISSIONS_VIEW.EMAIL
(Organization)	INDUSTRY_PERMISSIONS_VIEW.ORG_NAME
Phone	INDUSTRY_PERMISSIONS_VIEW.PHONE, INDUSTRY_PERMISSIONS_VIEW.PHONE_EXTENSION
Handler ID	INDUSTRY_PERMISSIONS_VIEW.HANDLER_ID
Handler Name	INDUSTRY_PERMISSIONS_VIEW.HANDLER_NAME
Location Address	INDUSTRY_PERMISSIONS_VIEW.LOCATION_STREET_NO, INDUSTRY_PERMISSIONS_VIEW.LOCATION_STREET1, INDUSTRY_PERMISSIONS_VIEW.LOCATION_CITY
Site Mgr	INDUSTRY_PERMISSIONS_VIEW.SITE_MANAGER_PERMISSION
myRCRAid	INDUSTRY_PERMISSIONS_VIEW.MYRCRAID_PERMISSION
BR	INDUSTRY_PERMISSIONS_VIEW.BR_PERMISSION
eManifest	INDUSTRY_PERMISSIONS_VIEW.EMANIFEST_PERMISSION

Industry Permissions Report Sorted by Handler

Heading	Data Source
(State)	INDUSTRY_PERMISSIONS_VIEW.STATE
Region	INDUSTRY_PERMISSIONS_VIEW.REGION
(Handler Name)	INDUSTRY_PERMISSIONS_VIEW.HANDLER_NAME
(Location Address)	INDUSTRY_PERMISSIONS_VIEW.LOCATION_STREET_NO, INDUSTRY_PERMISSIONS_VIEW.LOCATION_STREET1, INDUSTRY_PERMISSIONS_VIEW.LOCATION_CITY

(Handler ID)	INDUSTRY_PERMISSIONS_VIEW.HANDLER_ID
Contact Name	HREPORT_UNIV5.CONTACT_NAME
Contact Phone	HREPORT_UNIV5.CONTACT_PHONE_AND_EXT
Contact Email	HREPORT_UNIV5.CONTACT_EMAIL_ADDRESS
User ID	INDUSTRY_PERMISSIONS_VIEW.USER_ID
User Name	INDUSTRY_PERMISSIONS_VIEW.FIRST_NAME, INDUSTRY_PERMISSIONS_VIEW.LAST_NAME
Organization	INDUSTRY_PERMISSIONS_VIEW.ORG_NAME
Email	INDUSTRY_PERMISSIONS_VIEW.EMAIL
Phone	INDUSTRY_PERMISSIONS_VIEW.PHONE, INDUSTRY_PERMISSIONS_VIEW.PHONE_EXTENSION
Site Mgr	INDUSTRY_PERMISSIONS_VIEW.SITE_MANAGER_PERMISSION
myRCRAid	INDUSTRY_PERMISSIONS_VIEW.MYRCRAID_PERMISSION
BR	INDUSTRY_PERMISSIONS_VIEW.BR_PERMISSION
eManifest	INDUSTRY_PERMISSIONS_VIEW.EMANIFEST_PERMISSION
ESA	INDUSTRY_PERMISSIONS_VIEW.ESA_STATUS

USERS WITH PENDING ELECTRONIC SIGNATURE AGREEMENT REPORT

REPORT DESCRIPTION

This report lists industry users who have a pending electronic signature agreement. The report shows the user information as well as the handlers associated with the user within the user-specified location. The report is sorted by User Name. ***Note: If a user is associated with handlers in more than one State, the user may have sent their paper ESA to another State and are waiting for regulators in that State to approve their ESA.***

View Sample Report (in PDF format)

SELECT LOGIC

This report selects all records from the Industry Permissions View where:

- ESA status = 'Pending'
- meets the user-selected criteria

View Primary SQL (in PDF format)

SELECTION CRITERIA

Search Element	Values	Default Value	Required
Location	List of States, Regions, and National	Your Profile State	Yes

REPORT HEADINGS

Note: headings in parentheses ( ) are implied and do not appear on the report.

Heading	Data Source
User ID	INDUSTRY_PERMISSIONS_VIEW.USER_ID
(User Name)	INDUSTRY_PERMISSIONS_VIEW.FIRST_NAME, INDUSTRY_PERMISSIONS_VIEW.LAST_NAME
ESA Status	INDUSTRY_PERMISSIONS_VIEW.ESA_STATUS
Email	INDUSTRY_PERMISSIONS_VIEW.EMAIL
(Organization)	INDUSTRY_PERMISSIONS_VIEW.ORG_NAME
Phone	INDUSTRY_PERMISSIONS_VIEW.PHONE, INDUSTRY_PERMISSIONS_VIEW.PHONE_EXTENSION

Handler ID	INDUSTRY_PERMISSIONS_VIEW.HANDLER_ID
Handler Name	INDUSTRY_PERMISSIONS_VIEW.HANDLER_NAME
Location Address	INDUSTRY_PERMISSIONS_VIEW.LOCATION_STREET_NO, INDUSTRY_PERMISSIONS_VIEW.LOCATION_STREET1, INDUSTRY_PERMISSIONS_VIEW.LOCATION_CITY
Site Mgr	INDUSTRY_PERMISSIONS_VIEW.SITE_MANAGER_PERMISSION
myRCRAid	INDUSTRY_PERMISSIONS_VIEW.MYRCRAID_PERMISSION
BR	INDUSTRY_PERMISSIONS_VIEW.BR_PERMISSION
eManifest	INDUSTRY_PERMISSIONS_VIEW.EMANIFEST_PERMISSION

Technical Help

Universe Calculations

UNIVERSE CALCULATIONS

The RCRA Subtitle C program categorizes sites into various regulatory groupings. These groupings help regulators and management to determine whether proper reporting and oversight are occurring at a site. RCRAInfo captures these regulatory groupings, referred to as universes, in HREPORT_UNIV5. These universes provide users with easy access to standardized, programmatic Subtitle C site categorizations, and facilitate consistent reporting and data analysis nationwide.

The universes are calculated based on information within the Handler, Permitting, Corrective Action, and Compliance Monitoring and Enforcement (CM&E) modules of RCRAInfo. This information is collected and stored in HREPORT_UNIV5. HREPORT_UNIV5 contains one record for every HANDLER_ID in the Handler module. The SNC universes are stored in HREPORT_SNC_UNIV. This table contains a record for each ACTIVITY_LOCATION in which the handler is determined to be a significant non-complier. Additionally, the RCRAInfo data structure contains tables to capture detail information for universe calculations (HUNIVERSE_DETAIL5). The remainder of the topics in this book describes information in HREPORT_UNIV5 and HREPORT_SNC_UNIV.

RCRAInfo supports data collection from three primary sources for site information: 1) Federal Site Identification Form or State equivalent; 2) EPA or State inspection; and 3) Waste Activity Monitoring (i.e., Biennial Report). RCRA regulations require hazardous waste sites to notify EPA if they are conducting any hazardous waste activities. Additionally, regulations require that large quantity generators and treatment, storage, and disposal facilities report hazardous waste activities every two years via the Biennial Report. Some States also require re-notification of hazardous waste activities on a regular (generally annual) basis. The information collected from these various data sources often contradicts itself. Therefore, RCRAInfo implements a hierarchal algorithm to determine the most recent source of information. The implicit assumption is that the most current data source contains the best data - that is, the data that is the most indicative of the actual status of the site. The most recent source of information will be computed using the most recent source record based on the date that the information was certified (CERT_DATE in HCERTIFICATION5). If no certification information is associated with the record, then the date the information was received by the regulating agency (HRECEIVE_DATE in HHANDLER5) will be used. If there are multiple data sources with the same date, the following source hierarchy is used to determine which record to use: D(Inactivation), I (Implementer), N (Notification), B (Annual/Biennial Report Updated with Notification), R (Annual/Biennial Report), A (Part A), K (Manifest Broker), T (Temporary), and E (Emergency).

Note: *Biennial Report data prior to the 2001 report cycle, i.e. R source records with a report cycle prior to 2001, will NOT be used as the most recent source of information, even if this source is the only source of information for the site. In this case, universes that use the most recent source record for its calculation will be set to null.*

GENERAL UNIVERSE CALCULATIONS

Active Site Financial Assurance Required In a Universe Extract to Public

HANDLER UNIVERSES

Program Universe	Values	Calculation
Active Site (ACTIVE_SITE)	5 characters Char 1: H or - Char 2: P or - Char 3: A or - Char 4: C or - Char 5: S or -	H: Any of the following universes are Y (except as noted) in the current handler source record: Federal Generator Status (GENSTATUS - LQG, SQG, CEG, or VSG); Mixed Waste Generator (MIXED_WASTE_GENERATOR); Importer (IMPORTER); Transporter (TRANSPORTER); Transfer Facility (TRANSFER_FACILITY); Recycler (RECYCLER); Recycler Nonstorage (RECYCLER_NONSTORAGE); Receives Hazardous waste From Off-site (OFF_SITE_RECEIPT); Small Quantity On-site Burner Exemption (FURNACE_EXEMPTION); Smelting, Melting, and Refining Furnace Exemption (ONSITE_BURNER_EXEMPT); Universal Waste (UNIVWASTE); Underground Injection (UNDERGROUND_ INJECTION); Recognized Trader - Importer (RECOGNIZED_TRADER_IMPORTER); Recognized Trader - Exporter (RECOGNIZED_TRADER_EXPORTER); Spent Lead Acid Battery - Importer (SLAB_IMPORTER); Spent Lead Acid Battery - Exporter (SLAB_EXPORTER); Used Oil (USED_OIL). P: Active Site Federally Regulated TSDF (AS_FEDERALLY_REGULATED_TSDF) is L, I, B, S, T, and/or H in the current handler universe record. A: Corrective Action Workload Universe (CAWRKLD) is Y in the current handler universe record. C: Active Site Converter (AS_CONVERTER_TSDF) is L, I, B, S, and/or T in the current handler universe record. S: Active Site State Regulated TSDF (AS_STATE_REGULATED_TSDF) is L, I, B, S, and/or T in the current handler universe record. or Active Site State Regulated Handler (AS_STATE_REGULATED_HANDLER) is Y in the current handler universe record.

		-: The site does not meet the universe(s) defined above.
Financial Assurance Required (FA_REQUIRED)	5 characters Char 1: A or - Char 2: C or - Char 3: P or - Char 4: S or - Char 5: N or -	A: The site is permitted, post-closure permitted, has a pre-modification authorization, or a temporary authorization (has a Legal Status Code of PI, PC, PM or TA respectively) and has at least one unit with a CA400 event (Remedy Decision) and there is no facility wide CA999% event (Corrective Action Process Terminated with any status NF - No Further Action or RM - Remedial Activities Completed). C: The Active Site flag contains a P (Permit Activity) and the site is in the Closure Workload Universe or Permit Workload Universe and there is no PC300 event (Post-Closure Enforceable Document Effective) where the Legal/Operating Status is PCCA. P: The Active Site flag contains a P (Permit Activity) and the site is in the Post-Closure Workload Universe and there is not PC300 event (Post-Closure Enforceable Document Effective) where the Legal/Operating Status is PCCA. S: The Active Site flag contains a P (Permit Activity) and the site is in the Closure Workload or Permit Workload Universe. N: The Active Site flag contains a P (Permit Activity) and the site is in the Closure Workload or Permit Workload Universe with a Land Disposal Process. ***Note: Federal and State government sites are not required to maintain financial assurance, therefore, for all sites with Land Type of F (Federal) or S (State), the FA Required field will be set to '-----'.***
In a Universe (IN_A_UNIVERSE)	Y, N	The site meets the definition for any of the following universes: Federal Generator Status (GENSTATUS - LQG, SQG, or CEG); Mixed Waste Generator (MIXED_WASTE_GENERATOR); Importer (IMPORTER); Transporter (TRANSPORTER); Transfer Facility (TRANSFER_FACILITY); Recycler (RECYCLER); Recycler Non-Storage (RECYCLER_NONSTORAGE); Off-site Receiver (OFF_SITE_RECEIPT) Small Quantity On-site Burner Exemption (FURNACE_EXEMPTION); Smelting, Melting, and Refining Furnace Exemption (ONSITE_BURNER_EXEMPT); Universal Waste (UNIVWASTE); Underground Injection (UNDERGROUND_INJECTION); Used Oil (USED_OIL); Recognized Trader - Importer (RECOGNIZED_TRADER_IMPORTER)

		Recognized Trader - Exporter (RECOGNIZED_TRADER_EXPORTER) Spent Lead Acid Battery - Importer (SLAB_IMPORTER) Spent Lead Acid Battery - Exporter (SLAB_EXPORTER) State Regulated Handler (AS_STATE_REGULATED_HANDLER) Active Site (ACTIVE_SITE); Permit Progress (PERMPROG); Permit Workload (PERMWRKLD); Closure Workload (CLOSWRKLD); Post-Closure Workload (PCWRKLD); Permit Renewals Workload (PERMIT_RENEWAL_WRKLD); Full Enforcement (FULL_ENFORCEMENT); Operating TSDF (OPERATING_TSDF); Federally Regulated TSDF (AS_FEDERALLY_REGULATED_TSDF); State Regulated TSDF (AS_STATE_REGULATED_TSDF); Converter TSDF (AS_CONVERTER_TSDF); Subject to Corrective Action (SUBJCA); Corrective Action Workload (CAWRKLD); TSDFs Potentially Subject to CA Under 3004(u)/(v) (SUBJCA_TSD_3004); TSDFs Only Subject to CA Under Discretionary Authorities (SUBJCA_TSD_DISCRETION); Non-TSDFs Where RCRA CA Has Been Imposed (SUBJCA_NON_TSD); 2018 GPRA Permit Baseline (GPRA_PERMIT); 2018 GPRA Permit Renewals Baseline (GPRA_RENEWAL); 2020 GPRA Corrective Action Baseline (GPRA_CA); Significant Non-Complier (SNC);
Extract to Public (EXTRACT_FLAG)	X or null	The value of EXTRACT_FLAG in the handler record.

HANDLER UNIVERSE CALCULATIONS

Federal Waste Generator Status	State Waste Generator Status	Generator Status	Short Term Generator Status	Transporter	Transfer Facility
Universal Waste	Federal Universal Waste	Universal Waste Destination Facility	Recycler	Recycler Non-Storage	Importer
Mixed Waste Generator	Small Quantity On-site Burner Exemption	Smelting, Melting, and Refining Furnace	Underground Injection	Receives Hazardous Waste from Off-site	Federal Indicator
Hazardous Secondary Material	Subpart K	Manifest Broker	State Regulated Handler	Recognized Trader - Importer	Recognized Trader - Exporter
Spent Lead Acid Battery - Importer	Spent Lead Acid Battery - Exporter	Used Oil	In a Handler Universe	Subpart P	

HANDLER UNIVERSES

Program Universe	Values	Calculation
Federal Waste Generator Status (FED_WASTE_GENERATOR)	1, 2, 3, N, U, P	The value of FED_WASTE_GENERATOR in the current handler source record.
State Waste Generator Status	State-defined	The value of STATE_WASTE_GENERATOR in the current handler source record.
Generator Status (GENSTATUS)	LQG, SQG, CEG, N	The decoded value of FED_WASTE_GENERATOR in the current handler source record. A value of 1 is converted to LQG, 2 is converted to SQG, 3 is converted to CEG, and N is converted to N.
Short Term Generator Status (SHORT_TERM_GENERATOR)	Y, N	The value of SHORT_TERM_GENERATOR in the current handler source record.
Transporter (TRANSPORTER)	Y, N	The value of TRANSPORTER in the current handler source record.
Transfer Facility (TRANSFER_FACILITY)	Y, N	The value of TRANSFER_FACILITY in the current handler source record.
Universal Waste (UNIVWASTE)	Y, N	Universal Waste is set to Y if UNIVERSAL_WASTE_DEST_FACILITY in the current handler source record is Y or if ACCUMULATED is Y for the current handler source record in HUNIVERSAL_WASTE.
Federal Universal Waste (FEDERAL_UNIVERSAL_WASTE)	Y, N	Federal Universal Waste is set to Y if ACCUMULATED for a nationally-defined universal waste is Y for the current handler source record in HUNIVERSAL_WASTE.
Universal Waste Destination Facility (UNIVERSAL_WASTE_DEST_FACILITY)	Y, N	The value of UNIVERSAL_WASTE_DEST_FACILITY in the current handler source record.
Recycler (RECYCLER)	Y, N	The value of RECYCLER_ACTIVITY in the current handler source record.

Recycler Non-storage (RECYCLER_NONSTORAGE)	Y, N	The value of RECYCLER_ACTIVITY_NONSTORAGE in the current handler source record.
Importer (IMPORTER)	Y, N	The value of IMPORTER_ACTIVITY in the current handler source record.
Mixed Waste Generator (MIXED_WASTE_GENERATOR)	Y, N	The value of MIIXED_WASTE_GENERATOR in the current handler source record.
Small Quantity On-site Burner Exemption (ONSITE_BURNER_EXEMPT)	Y, N	The value of ONSITE_BURNER_EXEMPTION in the current handler source record.
Smelting, Melting, and Refining Furnace Exemption (FURNACE_EXEMPTION)	Y, N	The value of FURNACE_EXEMPTION in the current handler source record.
Underground Injection (UNDERGROUND_INJECTION)	Y, N	The value of UNDERGROUND_INJECTION_ACTIVITY in the current handler source record.
Receives Hazardous Waste from Off-site (OFF_SITE_RECEIPT)	Y, N	The value of OFF_SITE_RECEIPT in the current handler source record.
Federal Indicator (FEDERAL_INDICATOR)	3 characters Char 1: L or - Char 2: O or - Char 3: P or -	L: Land Type is equal to F in the current handler source record. O: Owner Type is equal to F in the current handler source record. P: Operator type is equal to F in the current handler soruce record. -: The site does not meet the criteria defined above.
Hazardous Secondary Material (HSM)	2 characters Char 1: Y, S, N, or - Char 2: Y or N	<u>Character 1</u> Y: Reason for Notification in HHSM_BASIC5 is equal to I - Initial Notification or R - Renotification and Active Site <> '-----'. S: Reason for Notification in HHSM_BASIC5 is equal to S - Stopped. N: There is no Reason for Notification data in HHSM_BASIC5. -: Reason for Notification in HHSM_BASIC5 is equal to I - Initial Notification or R - Renotification and Active Site = '-----'. <u>Character 2</u> Y: Recycler Indicator in HHSM_RECYCLER is equal to Y. N: Recycler Indicator in HHSM_RECYCLER is equal to N or there is no Recycler Indicator data in HHSM_RECYCLER.
Subpart K (SUBPART_K)	4 characters Char 1: C or - Char 2: H	C: Subpart K-College is equal to Y in the current handler source record and Active Site <> '-----'. H: Subpart K-Hospital is equal to Y in the current handler source record and Active Site <> '-----'. N: Subpart K-Nonprofit is equal to Y in the current

	or - Char 3: N or - Char 4: W or -	handler source record and Active Site <> '-----'. W: Subpart K-Withdrawal is equal to Y in the current handler source record. -: The site does not meet the criteria defined above.
Manifest Broker (MANIFEST_BROKER)	Y, N	The value of MANIFEST_BROKER in the current handler source record.
State Regulated Handler (AS_STATE_REGULATED_HANDLER)	3 characters Char 1: Y or - Char 2: Y or - Char 3: Y or -	Y in column 1: The value of STATE_WASTE_GENERATOR in the current handler source record is an active value (ACTIVE_STATUS = Y) and Usage Code (USAGE_CODE) = 9 (use status in universe calculations). Y in column 2: The value of ACCUMULATED or GENERATED for the current handler source record in HUNIVERSAL_WASTE = Y and it is an active value (ACTIVE_STATUS = Y) and Usage Code (USAGE_CODE) = 9 (use activity in universe calculations). Y in column 3: The value of STATE_ACTIVIT for the current handler source record in HSTATE_ACTIVITY is an active value (ACTIVE_STATUS = Y) and Usage Code (USAGE_CODE) = 9 (use activity in universe calculations). -: The site does not have values for state waste generator, universal waste, or state activity meeting the definitions above.
Recognized Trader - Importer (RECOGNIZED_TRADER_IMPORTER)	Y, N	The value of RECOGNIZED_TRADER_IMPORTER in the current handler source record.
Recognized Trader - Exporter (RECOGNIZED_TRADER_EXPORTER)	Y, N	The value of RECOGNIZED_TRADER_EXPORTER in the current handler source record.
Spent Lead Acid Battery - Importer (SLAB_IMPORTER)	Y, N	The value of SLAB_IMPORTER in the current handler source record.
Spent Lead Acid Battery - Exporter (SLAB_EXPORTER)	Y, N	The value of SLAB_EXPORTER in the current handler source record.
Used Oil (USED_OIL)	7 characters Char 1: Y or N Char 2: Y or N Char 3: Y or N Char 4: Y or N Char 5: Y	Char 1: The value of USED_OIL_TRANSPORTER in the current handler source record. Char 2: The value of USED_OIL_TRANSFER_FACILITY in the current handler source record. Char 3: The value of USED_OIL_PROCESSOR in the current handler source record. Char 4: The value of USED_OIL_REFINER in the current handler source record. Char 5: The value of USED_OIL_BURNER in the current handler source record. Char 6: The value of USED_OIL_MARKET_BURNER in

	or N Char 6: Y or N Char 7: Y or N	the current handler source record. Char 7: The value of USED_OIL_SPEC_MARKETER in the current handler source record.
In a Handler Universe (IN_HANDLER_UNIVERSES)	Y, N	In a Handler Universe is set o Y if any of the following universes are Y (except as noted) in the current handler source record: Federal Generator Status (GENSTATUS - LQG, SQG, CEG, or VSG); Mixed Waste Generator (MIXED_WASTE_GENERATOR); Importer (IMPORTER); Transporter (TRANSPORTER); Transfer Facility (TRANSFER_FACILITY); Recycler (RECYCLER); Recycler Nonstorage (RECYCLER_NONSTORAGE); Receives Hazardous waste From Off-site (OFF_SITE_RECEIPT); Small Quantity On-site Burner Exemption (FURNACE_EXEMPTION); Smelting, Melting, and Refining Furnace Exemption (ONSITE_BURNER_EXEMPT); Universal Waste (UNIVWASTE); Underground Injection (UNDERGROUND_ INJECTION); Recognized Trader - Importer (RECOGNIZED_TRADER_IMPORTER); Recognized Trader - Exporter (RECOGNIZED_TRADER_EXPORTER); Spent Lead Acid Battery - Importer (SLAB_IMPORTER); Spent Lead Acid Battery - Exporter (SLAB_EXPORTER); Used Oil (USED_OIL);
Subpart P (SUBPART_P)	H, R, W, or N	H: SUBPART_P_HEALTHCARE in the current handler source record = Y R: SUBPART_P_REVERSE_DISTRIBUTOR in the current handler source record = Y W: SUBPART_P_WITHDRAWAL in the current handler source record = Y N: SUBPART_P_HEALTHCARE, SUBPART_P_REVERSE_DISTRIBUTOR, and SUBPART_P_WITHDRAWAL in the current handler source record = N

COMPLIANCE, MONITORING, AND ENFORCEMENT UNIVERSE CALCULATIONS

Significant Non-Complier | State Addressed SNC | State SNC With a Compliance Schedule | State Unaddressed SNC | EPA Addressed SNC | EPA SNC With a Compliance Schedule
EPA Unaddressed SNC | Federally Regulated TSDF | Converter TSDF | State Regulated TSDF | Full Enforcement | Operating TSDF
Commercial TSDF | TSD Type

CM&E UNIVERSES

CM&E UNIVERSES IN HREPORT_SNC_UNIV

Program Universe	Values	Calculation
Significant Non-Complier (SNC)	Y, N	SNC is set to Y if an SNY evaluation exists for an agency and it has not been superseded by an SNN evaluation by the same agency.
State Addressed SNC (STATE_ADDRESSED_SNC)	Y, N	State Addressed SNC is set to Y if any of the following conditions are met: 1. *The site is a SNC and the violations linked to the evaluations referred to by the day zero date have been addressed by an approved enforcement action.* The site has an SNY evaluation issued by the State which has not been superseded by an SNN evaluation issued by the State, and all of the violations that are the responsibility of the State that are linked to the evaluation(s) referred to by the day zero date (i.e., the DAY_ZERO of the SNY evaluation equals the EVAL_START_DATE of the State issued evaluations) are linked to an approved formal enforcement action (210-219, 310-319, 380, 385, 410-439, 510-519, 530-539, 610-639, 810-869) issued by the State with an SNY date (SNY_DATE in CSNY_DATE) equal to the evaluation start date (EVAL_START_DATE) of the SNY evaluation. 2. *The site is a SNC and the SNY evaluation has been addressed by an approved "orphan" enforcement action.* The site has an SNY evaluation issued by the State which has not been superseded by an SNN evaluation issued by the State, and an approved formal enforcement action issued by the State exists that is not linked to any

		violation and the SNY date (SNY_DATE in CSNY_DATE) is equal to the evaluation start date (EVAL_START_DATE) of the SNY evaluation. 3. *The site is a SNC and the responsibility has been transferred to EPA.* The site has an SNY evaluation issued by the State which has not been superseded by an SNN evaluation issued by the State, and all of the violations linked to the evaluation(s) referred to by the day zero date (i.e., the DAY_ZERO of the SNY evaluation equals the EVAL_START_DATE of other State issued evaluations) are linked to an 810 enforcement action issued by the State with an SNY date (SNY_DATE in CSNY_DATE) equal to the evaluation start date (EVAL_START_DATE) of the SNY evaluation.
State SNC with a Compliance Schedule (STATE_SNC_WITH_COMPL_SCHED)	Y, N	State SNC with a Compliance Schedule is set to Y if the site meets the State Addressed SNC definition and all of the violations linked to the SNY evaluation have a scheduled compliance date (SCHEDULED_COMPLIANCE_DATE is not null).
State Unaddressed SNC (STATE_UNADDRESSED_SNC)	Y, N	State Unaddressed SNC is set to Y if the site is a State SNC (the site has an SNY evaluation issued by the State which has not been superseded by an SNN evaluation issued by the State) and does not meet the State Addressed SNC definition.
EPA Addressed SNC (EPA_ADDRESSED_SNC)	Y, N	EPA Addressed SNC is set to Y if any of the following conditions are met: 1. *The site is a SNC and the violations linked to the evaluations referred to by the day zero date have been addressed by an approved enforcement action.* The site has an SNY evaluation issued by the EPA which has not been superseded by an SNN evaluation issued by the EPA, and all of the violations that are the responsibility of the EPA that are linked to the evaluation(s) referred to by the day zero date (i.e., the DAY_ZERO of the SNY evaluation equals the EVAL_START_DATE of the EPA issued evaluations) are linked to an approved formal enforcement action (210-219, 310-319, 380, 385, 410-439, 510-519, 530-539, 610-639, 810-869) issued by the EPA with an SNY date (SNY_DATE in CSNY_DATE) equal to the evaluation start date (EVAL_START_DATE) of the SNY evaluation. 2. *The site is a SNC and the SNY evaluation has been*

		addressed by an approved "orphan" enforcement action. The site has an SNY evaluation issued by the EPA which has not been superseded by an SNN evaluation issued by the EPA, and an approved formal enforcement action issued by the EPA exists that is not linked to any violation and the SNY date (SNY_DATE in CSNY_DATE) is equal to the evaluation start date (EVAL_START_DATE) of the SNY evaluation. 3. *The site is a SNC and the responsibility has been transferred to the State.* The site has an SNY evaluation issued by the EPA which has not been superseded by an SNN evaluation issued by the EPA, and all of the violations linked to the evaluation(s) referred to by the day zero date (i.e., the DAY_ZERO of the SNY evaluation equals the EVAL_START_DATE of other EPA issued evaluations) are linked to an 820 enforcement action issued by the EPA with an SNY date (SNY_DATE in CSNY_DATE) equal to the evaluation start date (EVAL_START_DATE) of the SNY evaluation.
EPA SNC with a Compliance Schedule (EPA_SNC_WITH_COMPL_SCHED)	Y, N	EPA SNC with a Compliance Schedule is set to Y if the site meets the EPA Addressed SNC definition and all of the violations linked to the SNY evaluation have a scheduled compliance date (SCHEDULED_COMPLIANCE_DATE is not null).
EPA Unaddressed SNC (EPA_UNADDRESSED_SNC)	Y, N	EPA Unaddressed SNC is set to Y if the site is an EPA SNC (the site has an SNY evaluation issued by the EPA whic h has not been superseded by an SNN evaluation issued by the EPA) and does not meet the EPA Addressed SNC definition.

CM&E UNIVERSES IN HREPORT_UNIV5

Program Universe	**Values**	**Calculation**
Federally Regulated TSDF (AS_FEDERALLY_REGULATED_TSDF)	6 characters Char 1: L or - Char 2: I or - Char 3: B	The site has at least one permitted unit where the most recent unit detail has one of the following legal/operating status codes: EMAB, EMCP, EMCV, EMDC, EMIN, EMOP, ISAB, ISAE, ISCA, ISCN, ISCP, ISDC, ISIN, ISOP, ITAB, ITAE, ITCA, ITCP, ITDC, ITIN, ITOP, LIAB, LIAE, LICA, LICP, LIDC, LIIN, LIOP, LPAB, LPCA, LPCP, LPDC, LPIN, LPOP, NNAB, NNAE, NNCA, NNCP, NNDC, NNIN,

	or - Char 4: S or - Char 5: T or - Char 6: H or -	NNOP, PCAB, PCAE, PCCA, PCCP, PCDC, PCIN, PIAB, PIAE, PIBC, PICA, PICN, PICP, PICV, PIDC, PIIN, PIOP, PIUC, PMAB, PMCA, PMCP, PMCV, PMDC, PMIN, PMOP, PTAB, PTAE, PTCA, PTCP, PTDC, PTIN, PTOP, RDAB, RDCA, RDCP, RDCV, RDDC, RDIN, RDOP, RPAB, RPBC, RPCA, RPCN, RPCP, RPDC, RPIN, RPOP, RPUC, RQOP, RUAB, RUCA, RUCP, RUDC, RUIN, RUOP, TAAB, TACA, TADC, TAIN, or TAOP. This universe is further differentiated into sub-universes based on the process code of the unit detail record identified above. L: Process codes D80, D81, D83, D99, S03, S04, and T02 I: Process code T03 B: Process Codes T8- - T93 S: Process codes S01, S02, S05, S06, and S99 T: Process codes T01, T04, T94, X01, X02, X03, X04, and X99 H: Process code SWM -: The site does not have the legal/operating status codes defined above and/or does not have the process codes defined above. ***Note: A site is not considered a part of this universe if the value of AS_FEDERALLY_REGULATED_TSDF = '------' or '-----H'.***
Converter TSDF (AS_CONVERTER_TSDF)	6 characters Char 1: L or - Char 2: I or - Char 3: B or - Char 4: S or - Char 5: T or - Char 6: H or -	The site has at least one permitted unit where the most recent unit detail has one of the following legal/operating status codes: ISCV, ITCV, LICV, LPCV, NNCV, PTCV, or RUCV. This universe is further differentiated into sub-universes based on the process code of the unit detail record identified above. L: Process codes D80, D81, D83, D99, S03, S04, and T02 I: Process code T03 B: Process Codes T8- - T93 S: Process codes S01, S02, S05, S06, and S99 T: Process codes T01, T04, T94, X01, X02, X03, X04, and X99 H: Process code SWM -: The site does not have the legal/operating status codes defined above and/or does not have the process codes defined above. ***Note: A site is not considered a part of this universe if the value of AS_CONVERTER_TSDF = '------' or '-----H'.***

State Regulated TSDF (AS_STATE_REGULATED_TSDF)	6 characters Char 1: L or - Char 2: I or - Char 3: B or - Char 4: S or - Char 5: T or - Char 6: H or -	The site has at least one permitted unit where the most recent unit detail has one of the following legal/operating status codes: SRAB, SRAE, SRCP, SRCV, SRDC, SRIN, or SROP. This universe is further differentiated into sub-universes based on the process code of the unit detail record identified above. L: Process codes D80, D81, D83, D99, S03, S04, and T02 I: Process code T03 B: Process Codes T8- - T93 S: Process codes S01, S02, S05, S06, and S99 T: Process codes T01, T04, T94, X01, X02, X03, X04, and X99 H: Process code SWM -: The site does not have the legal/operating status codes defined above and/or does not have the process codes defined above. ***Note: A site is not considered a part of this universe if the value of AS_STATE_REGULATED_TSDF = '------' or '-----H'.***
Full Enforcement (FULL_ENFORCEMENT)	6 characters Char 1: L or - Char 2: I or - Char 3: B or - Char 4: S or - Char 5: T or - Char 6: H or -	The site has at least one permitted unit where the most recent unit detail has one of the following legal/operating status codes: EMCP, EMDC, EMIN, EMOP, ISAE, ISCA, ISCP, ISDC, ISIN, ISOP, ITAE, ITCA, ITCP, ITDC, ITIN, ITOP, LIAE, LICA, LICP, LIDC, LIIN, LIOP, LPCP, LPDC, LPIN, LPOP, NNAE, NNCA, NNCP, NNDC, NNIN, NNOP, PCAE, PCCA, PCCP, PCDC, PCIN, PIAE, PICA, PICP, PIDC, PIIN, PIOP, PMCP, PMDC, PMIN, PMOP, PTAE, PTCP, PTDC, PTIN, PTOP, RDCP, RDDC, RDIN, RDOP, RPCA, RPCP, RPDC, RPIN, RPOP, RQOP, RUCP, RUDC, RUIN, RUOP, TADC, TAIN, or TAOP. This universe is further differentiated into sub-universes based on the process code of the unit detail record identified above. L: Process codes D80, D81, D83, D99, S03, S04, and T02 I: Process code T03 B: Process Codes T8- - T93 S: Process codes S01, S02, S05, S06, and S99 T: Process codes T01, T04, T94, X01, X02, X03, X04, and X99 H: Process code SWM -: The site does not have the legal/operating status codes defined above and/or does not have the process

		codes defined above. ***Note: A site is not considered a part of this universe if the value of FULL_ENFORCEMENT = '------' or '-----H'.***
Operating TSDF (OPERATING_TSDF)	6 characters Char 1: L or - Char 2: I or - Char 3: B or - Char 4: S or - Char 5: T or - Char 6: H or -	The site has at least one permitted unit where the most recent unit detail has one of the following legal/operating status codes: EMOP, ISOP, LPOP, NNOP, PIOP, PMOP, RDOP, RPOP, RQOP, or TAOP. This universe is further differentiated into sub-universes based on the process code of the unit detail record identified above. L: Process codes D80, D81, D83, D99, S03, S04, and T02 I: Process code T03 B: Process Codes T8- - T93 S: Process codes S01, S02, S05, S06, and S99 T: Process codes T01, T04, T94, X01, X02, X03, X04, and X99 H: Process code SWM -: The site does not have the legal/operating status codes defined above and/or does not have the process codes defined above. ***Note: A site is not considered a part of this universe if the value of OPERATING_TSDF = '------' or '-----H'.***
Commercial TSDF (COMMERCIAL_TSD)	Y, N	Commercial TSD is set to Y if the current unit detail for any unit has a commercial indicator of 1 - Accepts wastes from off-site generators or 3 - Accepts wastes from off-site generators by special arrangement or agreement.
TSD Type (TSD_TYPE)	5 characters Char 1: L or - Char 2: I or - Char 3: B or - Char 4: S or - Char 5: T or -	L: One or more of the universes (Operating TSDF, Full Enforcement TSDF, Permit Progress, Permit Workload, Closure Workload, Post-Closure Workload, Federally Regulated TSDF, or Converter TSDF) in the current universe record contains an L. I: One or more of the universes (Operating TSDF, Full Enforcement TSDF, Permit Progress, Permit Workload, Closure Workload, Post-Closure Workload, Federally Regulated TSDF, or Converter TSDF) in the current universe record contains an I. B: One or more of the universes (Operating TSDF, Full Enforcement TSDF, Permit Progress, Permit Workload, Closure Workload, Post-Closure Workload, Federally Regulated TSDF, or Converter TSDF) in the current universe record contains an B.

		S: One or more of the universes (Operating TSDF, Full Enforcement TSDF, Permit Progress, Permit Workload, Closure Workload, Post-Closure Workload, Federally Regulated TSDF, or Converter TSDF) in the current universe record contains an S. T: One or more of the universes (Operating TSDF, Full Enforcement TSDF, Permit Progress, Permit Workload, Closure Workload, Post-Closure Workload, Federally Regulated TSDF, or Converter TSDF) in the current universe record contains an T. -: The site does not meet the criteria defined above.

CORRECTIVE ACTION UNIVERSE CALCULATIONS

Subject to Corrective Action	Corrective Action Workload	TSDFs Potentially Subject to CA Under 3004(u)/(v)	TSDFs Only Subject to CA Under Discretionary Authorities	Non-TSDFs Where RCRA CA Has Been Imposed
Human Health Exposure Indicator	Groundwater Exposure Indicator	NCAPS Ranking	EC Indicator	IC Indicator

CORRECTIVE ACTION UNIVERSES

Program Universe	Values	Calculation
Subject to Corrective Action (SUBJCA)	Y, N	The site has at least one permitted unit where the most recent unit detail has one of the following legal/operating status codes: ISAB, ISAE, ISBC, ISCA, ISCC, ISCN, ISCO, ISCP, ISCV, ISDC, ISIN, ISOP, ISSF, ISUC, ITAE, LIAB, LIAE, LIBC, LICA, LICC, LICN, LICO, LICP, LICV, LIDC, LIIN, LIOP, LISF, LIUC, LPAB, LPBC, LPCC, LPCN, LPCO, LPCP, LPCV, LPDC, LPIN, LPOP, LPSF, LPUC, NNAB, NNAE, NNCA, NNCC, NNCN, NNCO, NNCP, NNCV, NNDC, NNIN, NNOP, NNSF, NNUC, PCAB, PCAE, PCCA, PCCC, PCCO, PCCP, PCDC, PCIN, PCSF, PIAB, PIAE, PIBC, PICA, PICC, PICN, PICO, PICP, PICV, PIDC, PIIN, PIOP, PISF, PIUC, PMAB, PMBC, PMCC, PMCN, PMCO, PMCP, PMCV, PMDC, PMIN, PMOP, PMSF, PMUC, RUAB, RUBC, RUCC, RUCN, RUCO, RUCP, RUCV, RUDC, RUIN, RUOP, RUSF, RUUC, TAAB, TABC, TACC, TACN, TADC, TAIN, TAOP, TASF, or TAUC. The unit detail must also have one of the following process codes: D80, D81, D83, D99, S01, S02, S03, S04, S05, S06, S99, T01, T02, T03, T04,T80 - T93, T94, X01, X02, X03, X04, and X99.
Corrective Action Workload (CAWRKLD)	Y, N	The site has at least one permitted unit where the most recent unit detail has one of the following legal/operating status codes: ISAB, ISAE, ISBC, ISCA, ISCN, ISCP, ISDC, ISIN, ISOP, ISUC, LIAB, LIAE, LIBC, LICA, LICN, LICP, LIDC, LIIN, LIOP, LIUC, LPAB, LPBC, LPCN, LPCP, LPDC, LPIN, LPOP, LPUC, NNAE, NNCA, PCAB, PCAE, PCCA, PCCP, PCDC, PCIN, PIAB, PIAE, PIBC, PICA, PICN, PICP, PIDC, PIIN, PIOP, PIUC, PMAB, PMBC, PMCN, PMCP, PMDC, PMIN, PMOP, PMUC, TAAB, TABC, TACN, TADC, TAIN, TAOP, or TAUC. The unit detail must also have one of the following process codes: D80, D81, D83, D99, S01, S02, S03, S04, S05, S06, S99, T01, T02, T03, T04,T80 - T93, T94, X01, X02, X03, X04, and X99. The site also belongs to the Corrective Action Workload Universe if the site has a nationally-defined corrective action event of CA100 (RFI Imposition) or greater, with the exception

		of the following events: CA210 (CA Responsibility Referred to a Non-RCRA Federal Authority), CA225 (Stabilization Measures Evaluation), CA725 (Current Human Exposures Under Control), CA750 (Groundwater Releases Controlled Determination), or CA999 (Corrective Action Process Terminated). If the site has either a CA210 (CA Responsibility Referred to a Non-RCRA Federal Authority) or CA999 (Corrective Action Process Terminated) linked to the entire facility area, the site is removed from the Corrective Action Workload Universe.
TSDFs Potentially Subject to CA Under 3004(u)/(v) (SUBJCA_TSD_3004)	Y, N	The site has at least one permitted unit where the most recent unit detail has one of the following legal/operating status codes: ISAE, ISBC, ISCA, ISCN, ISCP, ISDC, ISIN, ISOP, ISUC, LIAE, LIBC, LICA, LICN, LICP, LIDC, LIIN, LIOP, LIUC, LPBC, LPCA, LPCN, LPCP, LPDC, LPIN, LPOP, LPUC, PCAE, PCCA, PCCP, PCDC, PCIN, PIAE, PIBC, PICA, PICN, PICP, PIDC, PIIN, PIOP, PIUC, PMBC, PMCA, PMCN, PMCP, PMDC, PMIN, PMOP, PMUC, TABC, TACA, TACN, TADC, TAIN, TAOP, or TAUC. The unit detail must also have one ot the following process codes: The unit detail must also have one of the following process codes: D80, D81, D83, D99, S01, S02, S03, S04, S05, S06, S99, T01, T02, T04, T94, X01, X02, X03, X04, and X99.
TSDFs Only Subject to CA Under Discretionary Authorities (SUBJCA_TSD_DISCRETION)	Y, N	The site has at least one permitted unit where the most recent unit detail has one of the following legal/operating status codes: ISAB, ISCA, ISCC, ISCO, ISCV, LIAB, LICA, LICC, LICO, LICV, LPAB, LPCA, LPCC, LPCO, LPCV, NNAB, NNAE, NNCA, NNCC, NNCN, NNCO, NNCP, NNCV, NNDC, NNIN, NNOP, NNUC, PCAB, PCCA, PCCC, PCCO, PIAB, PICA, PICC, PICO, PICV, PMAB, PMCA, PMCC, PMCO, PMCV, RUAB, RUBC, RUCA, RUCC, RUCN, RUCO, RUCP, RUCV, RUDC, RUIN, RUOP, RUUC, TAAB, TACA, or TACC. The unit detail must also have one of the following process codes: D80, D81, D83, D99, S01, S02, S03, S04, S05, S06, S99, T01, T02, T04,T94, X01, X02, X03, X04, and X99.
Non-TSDFs Where RCRA CA Has Been Imposed (SUBJCA_NON_TSD)	Y, N	The site is not a TSD (OPERATING_TSDF = '------') and the site is not in the TSDF Only Subject to CA Under Discretionary Authorities universe or TSDFs Potentially Subject to CA Under 3004(u)/(v) universe (SUBJCA_TSD_DISCRETION = N and SUBJCA_TSD_3004 = N) and the site has conducted a CA100 event (RFI Imposition).
Human Health Exposure Indicator (CA725_INDICATOR)	+, -, n	+: The most recent CA725 event (Human Health Exposure) that is linked to a facility-wide area (ENTIRE_FACILITY_IND = Y) has a status of YE. -: The most recent CA725 event (Human Health Exposure) that is linked to a facility-wide area (ENTIRE_FACILITY_IND = Y)

		does not have a status of YE. N: There is no CA725 event (Human Health Exposure) that is linked to a facility-wide area (ENTIRE_FACILITY_IND = Y).
Groundwater Exposure Indicator (CA750_INDICATOR)	+, -, n	+: The most recent CA750 event (Groundwater Exposure) that is linked to a facility-wide area (ENTIRE_FACILITY_IND = Y) has a status of YE. -: The most recent CA750 event (Groundwater Exposure) that is linked to a facility-wide area (ENTIRE_FACILITY_IND = Y) does not have a status of YE. N: There is no CA750 event (Groundwater Exposure) that is linked to a facility-wide area (ENTIRE_FACILITY_IND = Y).
NCAPS Ranking (NCAPS)	H, M, L, N	H: The most recent CA075 event (NCAPS) that is linked to a facility-wide area (ENTIRE_FACILITY_IND = Y) has a status of HI. M: The most recent CA075 event (NCAPS) that is linked to a facility-wide area (ENTIRE_FACILITY_IND = Y) has a status of ME. L: The most recent CA075 event (NCAPS) that is linked to a facility-wide area (ENTIRE_FACILITY_IND = Y) has a status of LO. N: There is no CA075 event (NCAPS) that is linked to a facility-wide area (ENTIRE_FACILITY_IND = Y).
EC Indicator (EC_INDICATOR)	Y, T, N	Y: The site has at least one CA770 event (Engineering Controls Established). T: The site has a CA780 event (Engineering Controls Established) that is linked to a facility-wide area (ENTIRE_FACILITY_IND = Y). N: There is not CA770 event (Engineering Controls Established).
IC Indicator (IC_INDICATOR)	Y, T, N	Y: The site has at least one CA772 event (Institutional Controls Established). T: The site has a CA782 event (Institutional Controls Established) that is linked to a facility-wide area (ENTIRE_FACILITY_IND = Y). N: There is not CA772 event (Institutional Controls Established).

PERMITTING, CLOSURE, AND POST-CLOSURE UNIVERSE CALCULATIONS

Permit Progress Permit Workload Permit Renewals Workload Closure Workload Post-Closure Workload

PERMITTING, CLOSURE, AND POST-CLOSURE UNIVERSES

Program Universe	Values	Calculation
Permit Progress (PERMPROG)	6 characters Char 1: L or - Char 2: I or - Char 3: B or - Char 4: S or - Char 5: T or - Char 6: H or -	The site has at least one permitted unit where the most recent unit detail has one of the following legal/operating status codes: DLBC, DLCC, DLCN, DLCR, DLCV, DLSF, DLUC, ISAB, ISAE, ISBC, ISCA, ISCC, ISCN, ISCO, ISCP, ISCV, ISDC, ISIN, ISOP, ISSF, ISUC, ITAB, ITAE, TBC, ITCA, ITCC, ITCN, ITCO, ITCP, ITCV, ITDC, ITIN, ITOP, ITSF, ITUC, LIAB, LIAE, LIBC, LICA, LICC, LICN, LICO, LICP, LICV, LIDC, LIIN, LIOP, LISF, LIUC, LPAB, LPBC, LPCC, LPCN, LPCO, LPCP, LPCV, LPDC, LPIN, LPOP, LPSF, LPUC, NNAB, NNAE, NNCA, NNCC, NNCN, NNCO, NNCP, NNCV, NNDC, NNIN, NNOP, NNSF, NNUC, PCAB, PCAE, PCCA, PCCC, PCCO, PCCP, PCDC, PCIN, PCSF, PIAB, PIAE, PIBC, PICA, PICC, PICN, PICO, PICP, PICV, PIDC, PIIN, PIOP, PISF, PIUC, PMAB, PMBC, PMCC, PMCN, PMCO, PMCP, PMCV, PMDC, PMIN, PMOP, PMSF, PMUC, PRBC, PRCN, PRCR, PROP, PRUC, PTAB, PTAE, PTBC, PTCC, PTCN, PTCO, PTCP, PTCR, PTCV, PTDC, PTIN, PTOP, PTSF, PTUC, RPAB, RPBC, RPCA, RPCC, RPCN, RPCO, RPCP, RPDC, RPIN, RPOP, RPSF, RPUC, RQBC, RQCN, RQOP, RQUC, TAAB, TABC, TACC, TACN, TADC, TAIN, TAOP, TASF, or TAUC. There are two exceptions to the above criteria: 1. If the most recent Legal Status Code is RD (Research, Development, and Demonstration Permit), RU (Permit-by_Rule), EM (Emergency Permit), or (SR (State-Regulated), then the legal/operating status combination associated with the NEXT most recent unit detail is used to determine the current status. 2. If the most recent Legal Status Code (or the next most recent Legal Status Code in the case above) is TA (Temporary Authorization), then the site must have a Permit Event Code of OP020 (Operating Permit Part B Received) or MO020 (Permit Modification Part B Received) for this legal/operating status combination to be used. This universe is further differentiated into sub-universes based on the process code of the unit detail record identified above.

		L: Process codes D80, D81, D83, D99, S03, S04, and T02 I: Process code T03 B: Process Codes T80 - T93 S: Process codes S01, S02, S05, S06, and S99 T: Process codes T01, T04, T94, X01, X02, X03, X04, and X99 H: Process code SWM -: The site does not have the legal/operating status codes defined above and/or does not have the process codes defined above. ***Note: A site is not considered a part of this universe if the value of PERMPROG = '------' or '-----H'.***
Permit Workload (PERMWRKLD)	6 characters Char 1: L or - Char 2: I or - Char 3: B or - Char 4: S or - Char 5: T or - Char 6: H or -	The site has at least one permitted unit where the most recent unit detail has one of the following legal/operating status codes: ISCN, ISOP, ISUC, NNCN, NNOP, NNUC, PIBC, PICN, PIOP, PIUC, PMBC, PMCN, PMOP, PMUC, PRBC, PRCN, PRUC, RPBC, RPCN, RPOP, RPUC, RQBC, RQCN, RQOP, RQUC, TABC, TACN, TAOP, or TAUC. There are two exceptions to the above criteria: 1. If the most recent Legal Status Code is RD (Research, Development, and Demonstration Permit), RU (Permit-by_Rule), EM (Emergency Permit), or (SR (State-Regulated), then the legal/operating status combination associated with the NEXT most recent unit detail is used to determine the current status. 2. If the most recent Legal Status Code (or the next most recent Legal Status Code in the case above) is TA (Temporary Authorization), then the site must have a Permit Event Code of OP020 (Operating Permit Part B Received) or MO020 (Permit Modification Part B Received) for this legal/operating status combination to be used. This universe is further differentiated into sub-universes based on the process code of the unit detail record identified above. L: Process codes D80, D81, D83, D99, S03, S04, and T02 I: Process code T03 B: Process Codes T80 - T93 S: Process codes S01, S02, S05, S06, and S99 T: Process codes T01, T04, T94, X01, X02, X03, X04, and X99 H: Process code SWM -: The site does not have the legal/operating status codes defined above and/or does not have the process codes defined above. ***Note: A site is not considered a part of this universe if the***

		value of PERMWRKLD = '------' or '-----H'.
Permit Renewals Workload (PERMIT_RENEWAL_WRKLD)	6 characters Char 1: L or - Char 2: I or - Char 3: B or - Char 4: S or - Char 5: T or - Char 6: H or -	The site has at least one permitted unit where the most recent unit detail has one of the following legal/operating status codes: PCAE, PCCP, PIBC, PICN, PIOP, PIUC, PMBC, PMCN, PMOP, PMUC, RPBC, RPCN, RPOP, or RPUC. The site must also have at least one occurrence of an OP/PC020RN permit event without a subsequent occurrence of an OP/PC205 permit event. This universe is further differentiated into sub-universes based on the process code of the unit detail record identified above. L: Process codes D80, D81, D83, D99, S03, S04, and T02 I: Process code T03 B: Process Codes T80 - T93 S: Process codes S01, S02, S05, S06, and S99 T: Process codes T01, T04, T94, X01, X02, X03, X04, and X99 H: Process code SWM -: The site does not have the legal/operating status codes defined above and/or does not have the process codes defined above. ***Note: A site is not considered a part of this universe if the value of PERMIT_RENEWAL_WRKLD = '------' or '-----H'.***
Closure Workload (CLOSWRKLD)	6 characters Char 1: L or - Char 2: I or - Char 3: B or - Char 4: S or - Char 5: T or - Char 6: H or -	The site has at least one permitted unit where the most recent unit detail has one of the following legal/operating status codes: ISAB, ISCA, ISCV, ISDC, ISIN, ITAB, ITCA, ITCV, ITDC, ITIN, LIAB, LICA, LICV, LIDC, LIIN, LPAB, LPCV, LPDC, LPIN, NNAB, NNCA, NNCV, NNDC, NNIN, PIAB, PICA, PICV, PIDC, PIIN, PMAB, PMCV, PMDC, PMIN, PTAB, PTCV, PTDC, PTIN, RPAB, RPCA, RPDC, RPIN, RPUC, TAAB, TADC, or TAIN. This universe is further differentiated into sub-universes based on the process code of the unit detail record identified above. L: Process codes D80, D81, D83, D99, S03, S04, and T02 I: Process code T03 B: Process Codes T80 - T93 S: Process codes S01, S02, S05, S06, and S99 T: Process codes T01, T04, T94, X01, X02, X03, X04, and X99 H: Process code SWM -: The site does not have the legal/operating status codes defined above and/or does not have the process codes defined above. ***Note: A site is not considered a part of this universe if the value of CLOSWRKLD = '------' or '-----H'.***

Post-Closure Workload (PCWRKLD)	6 characters Char 1: L or - Char 2: - Char 3: - Char 4: - Char 5: - Char 6: -	The site has at least one permitted unit where the most recent unit detail has one of the following legal/operating status codes: ISAB, ISAE, ISCA, ISCP, ISCV, ISDC, ISIN, ITAB, ITAE, ITCA, ITCP, ITCV, ITDC, ITIN, LIAB, LIAE, LICA, LICP, LICV, LIDC, LIIN, LPAB, LPCP, LPCV, LPDC, LPIN, NNAB, NNAE, NNCA, NNCP, NNCV, NNDC, NNIN, PCAB, PCAE, PCCA, PCCP, PCDC, PCIN, PIAB, PIAE, PICA, PICP, PICV, PIDC, PIIN, PMAB, PMCP, PMCV, PMDC, PMIN, PTAB, PTAE, PTCP, PTCV, PTDC, PTIN, RPAB, RPCA, RPCP, RPDC, RPIN, TAAB, TADC, or TAIN. The unit detail must also have one of the following process codes: D80, D81, D83, D99, S03, S04, and T02. L: The site has a legal/operating status code and a process code defined above. -: The site does not have the legal/operating status codes defined above and/or does not have the process codes defined above. ***Note: A site is not considered a part of this universe if the value of PCWRKLD = '------'.***

Translation

INTRODUCTION

While RCRAInfo provides a data entry mechanism to enter data into the RCRAInfo database, States and EPA Regions have the option to user their own software and procedures to collect and track RCRAInfo data and to provide that data to RCRAInfo in an electronic format. These States and/or Regions are referred to as Translators. There are two electronic formats accepted from translators at this time: 1) flat files submitted via the V5 RCRAInfo application; and 2) XML files transferred via node-to-node. The table below indicates which formats are accepted for the various RCRAInfo modules.

	Translation Type	
Module	**Flat Files**	**XML**
Handler		X
Compliance, Monitoring, and Enforcement	X	X
Corrective Action	X	X
Permitting, Closure, and Post-Closure	X	X
Financial Assurance	X	X
GIS	X	X
Biennial Report	X	

You must have Delete permissions or higher for the module and State for which you are translating data. ***Note: At this time, if you are translating data for a module that has been migrated to Version 6, you can use either your V6 user id (email address) or V5 user id (TSSMS id). To use your V5 user id, you must provide your legacy id in your V6 profile information.***

XML TRANSLATION

States and EPA Regions must use the Exchange Network to submit data to EPA's RCRAInfo system, via XML. Information, including the Data Flow Implementation Guide, Flow Configuration Document, XML Schema, and Data Exchange Template may be found by clicking here. ***Note: This link will take you to a website outside of the RCRAInfo team's purview.***

Submissions must meet the business rules established for all RCRAInfo data. To see these business rules for modules that have been migrated to Version 6, click "Documentation" from the header bar, then select "DED". For all other modules, consult the RCRAInfo Flat File Translator Guide.

Web Services

WEB SERVICES

The RCRAInfo Exchange Network data flow provides the ability for Exchange Network (EN) partner nodes (i.e., node clients and full nodes) to request and receive RCRAInfo data in XML payloads. This flow is implemented according to EN practices and recommendations via Query and Solicit web services. In both service exchanges, RCRAInfo will provide either public or confidential data. If the requesting NAAS user has a valid RCRAInfo account association, confidential data will be provided; in all other cases, RCRAInfo will provide only public data to the requestor. All data returned via these services follows the current RCRAInfo schema. ***Note: This link will take you to a website outside of the RCRAInfo team's purview.***

Users of the Exchange Network RCRAInfo services must be registered with NAAS. The users must have NAAS policies to perform RCRA Query and Solicit web services. Privileges will be granted by the CDX Node Help Desk Administrator. Some users may have a RCRAInfo account. When supplied, the CDX Node Administrator will map the NAAS user identifier to the RCRAInfo user account.

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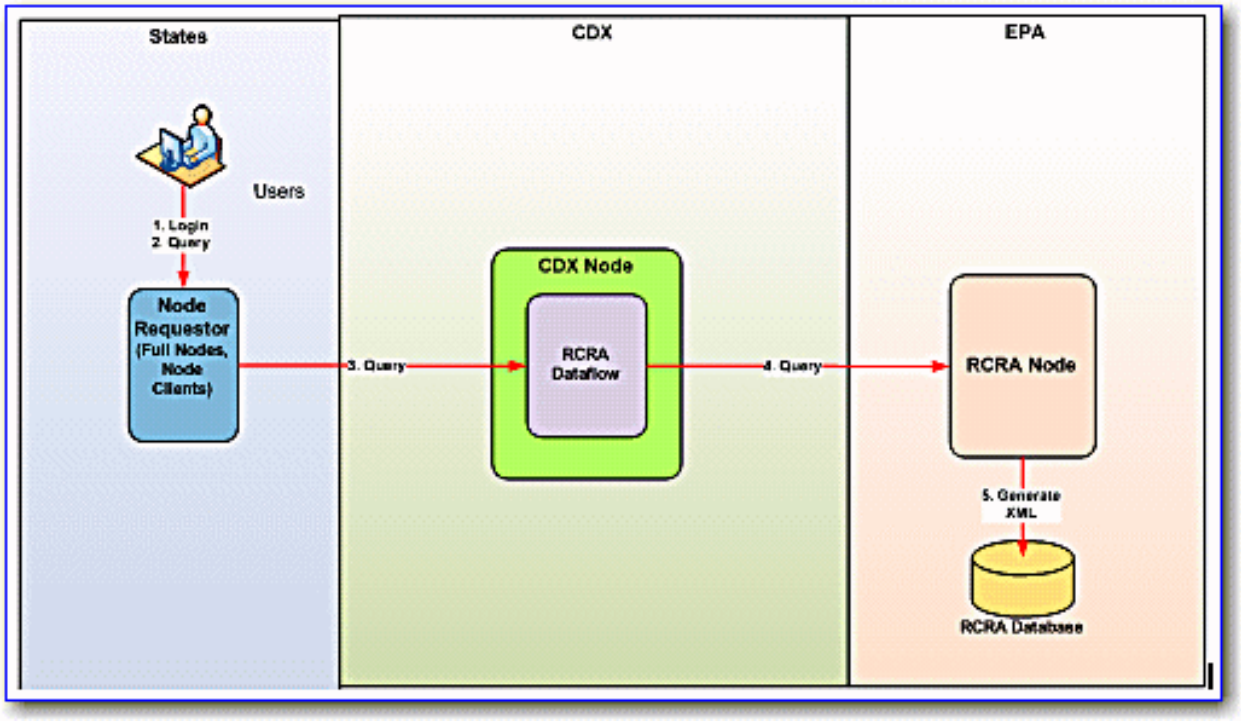
OVERVIEW

RCRAInfo data can be obtained using one of three web services: 1) Query, 2) Solicit, or 3) Representational State Transfer (REST).

QUERY

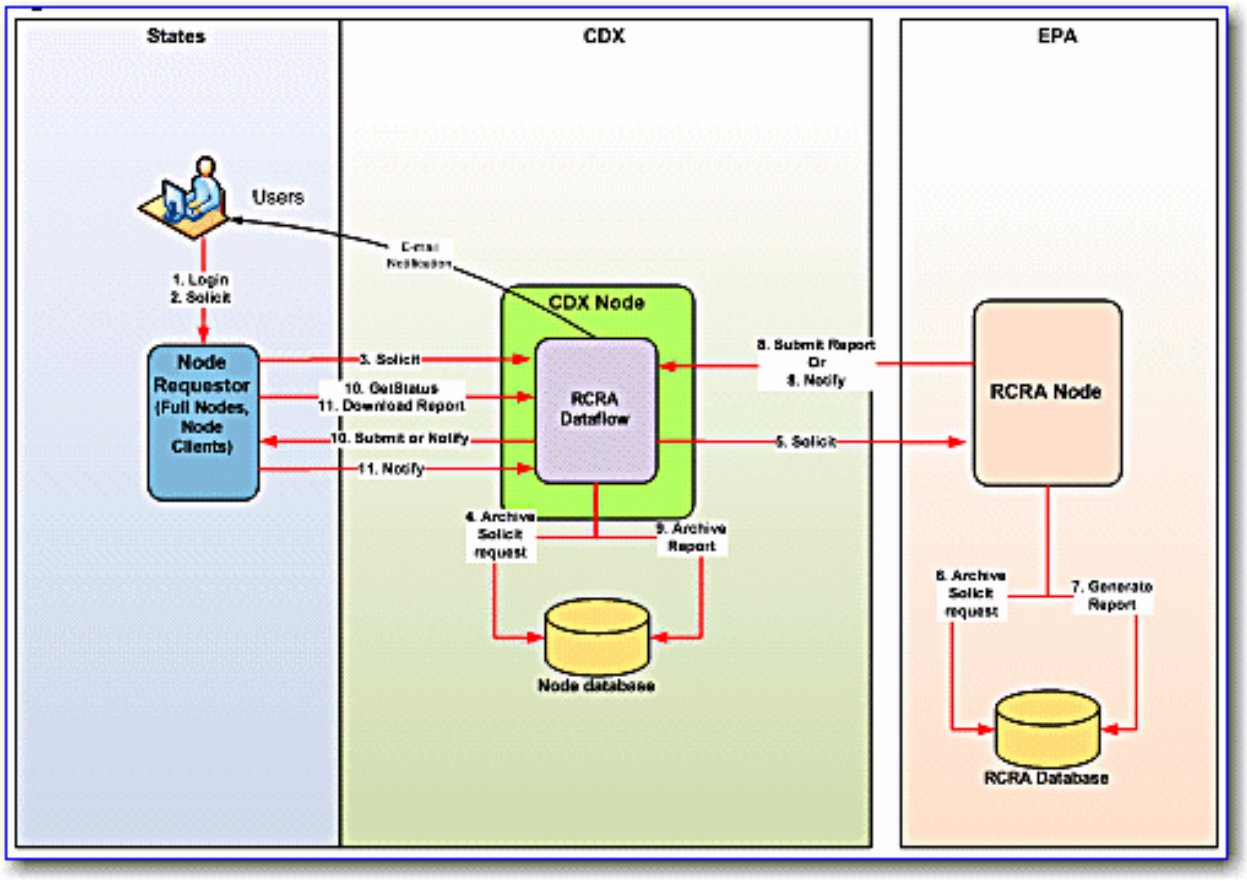
For small data sets, a synchronous data retrieval model is used. Node requestors will execute Query web services against the CDX Node. These Query requests will be synchronously processed by Central Data Exchange (CDX) and RCRAInfo (see illustration below).



For additional information regarding Query web services, click here. ***Note: This link will take you to a website outside of the RCRAInfo team's purview.***

SOLICIT

For large data sets an asynchronous data retrieval model is used. Node requestors will execute Solicit web services against the CDX node to request RCRAInfo data. The Solicit requests will be asynchronously processed by CDX and RCRAinfo (see illustration below).



For additional information regarding Solicit web services, click here. ***Note: This link will take you to a website outside of the RCRAInfo team's purview.***

REPRESENTATIONAL STATE TRANSFER (REST)

The RCRAInfo Node has exposed Representational State Transfer (REST) publishing capabilities for its user community and the public. This capability allows retrieval of public data from the RCRAInfo system in an XML format. The XML schema is that of the RCRA dataflow on the EN.

A user name and password is not required to obtain data using the RCRAInfo REST interface as only public data is made available. All RCRAInfo REST services use the following base URLs.

Environment	Base URL
Pre-production	http://rcrainfopreprod.epa.gov/webservices/rcrainfo
Production	http://rcrainfo.epa.gov/webservices/rcrainfo

The URL format to access any RCRAInfo REST service is:
Base_URL/public/query/rcra/{service_name}/{parameter_name}/{parameter_value} where /{parameter_name}/{parameter_value} repeats for each parameter provided.

Sample URL:
http://rcrainfopreprod.epa.gov/webservices/rcrainfo/public/query/rcra/GetHDDataByHandler/handlerId/ALD980559850/changeDate/2010-10-01

To see the names, parameters, and descriptions of the RCRAInfo web services currently available, click the module of interest: CM&E, Corrective Action, Financial Assurance, GIS, Handler, Permitting.

For additional information regarding REST web services, click here. ***Note: This link will take you to a website outside of the RCRAInfo team's purview.***

RCRAInfo Web Services

COMPLIANCE MONITORING AND ENFORCEMENT (CM&E) WEB SERVICES

Below is a list of RCRAInfo data access service requests that are available over the Exchange Network and/or REST to obtain CM&E data.

Service	Parameters	EN Query	EN Solicit	REST
GetCEDataByHandler	handlerId state agency changeDate	Yes	No	Yes
GetCEDataByState	state changeDate	No	Yes	No
GetCEEvaluationDataByHandler	handlerId state agency fromDate toDate changeDate	Yes	No	Yes

GetCEDataByHandler

This service will retrieve compliance monitoring and enforcement data for the specified Handler ID. If other parameters are provided (i.e., state, agency, and/or changeDate), the results will only contain data that meets those specifications. If no other parameters are provided, all data for this handler will be returned.

Parameter	Required
handlerID	Yes
state	No
agency	No
changeDate	No

GetCEDataByState

This service will retrieve compliance monitoring and enforcement data for the specified State. If a change date is provided, the result will only contain data that has been added or updated since the change date. If a change date is not provided, all data for this state will be returned.
Note: It is recommended that this service ALWAYS be executed with a change date.

Parameter	Required
state	Yes
changeDate	No

GetCEEvaluationDataByHandler

This service will retrieve compliance monitoring and enforcement data, driven by evaluation data for the specified Handler ID. That is, any violations or enforcement actions linked to the evaluations for this handler that meet other provided paramters will be returned. The fromDate and toDate parameters are compared against the Evaluation Start Date.

Parameter	Required
handlerID	Yes
state	No
agency	No
fromDate	No
toDate	No
changeDate	No

CORRECTIVE ACTION WEB SERVICES

Below is a list of RCRAInfo data access service requests that are available over the Exchange Network and/or REST to obtain Corrective Action data.

Service	Parameters	EN Query	EN Solicit	REST
GetCADataByHandler	handlerId changeDate	Yes	No	Yes
GetCADataByState	state changeDate	No	Yes	No

GetCADataByHandler

This service will retrieve corrective action data for the specified Handler ID. If a change date is provided, the result will only contain data that has been added or updated since the change date. If a change date is not provided, all data for this handler will be returned.

Parameter	Required
handlerID	Yes
changeDate	No

GetCADataByState

This service will retrieve corrective action data for the specified State. If a change date is provided, the result will only contain data that has been added or updated since the change date. If a change date is not provided, all data for this state will be returned. ***Note: It is recommended that this service ALWAYS be executed with a change date.***

Parameter	Required
state	Yes
changeDate	No

FINANCIAL ASSURANCE WEB SERVICES

Below is a list of RCRAInfo data access service requests that are available over the Exchange Network and/or REST to obtain Financial Assurance data.

Service	Parameters	EN Query	EN Solicit	REST
GetFADataByHandler	handlerId changeDate	Yes	No	Yes
GetFADataByState	state changeDate	No	Yes	No

GetFADataByHandler

This service will retrieve financial assurance data for the specified Handler ID. If a change date is provided, the result will only contain data that has been added or updated since the change date. If a change date is not provided, all data for this handler will be returned.

Parameter	Required
handlerID	Yes
changeDate	No

GetFADataByState

This service will retrieve financial assurance data for the specified State. If a change date is provided, the result will only contain data that has been added or updated since the change date. If a change date is not provided, all data for this state will be returned. ***Note: It is recommended that this service ALWAYS be executed with a change date.***

Parameter	Required
state	Yes
changeDate	No

HANDLER WEB SERVICES

Below is a list of RCRAInfo data access service requests that are available over the Exchange Network and/or REST to obtain Handler data.

Service	Parameters	EN Query	EN Solicit	REST
GetHDDataByHandler	handlerId changeDate state sourceType sequenceNumber	Yes	No	Yes
GetHDDataByState	state changeDate	No	Yes	No
GetHDMaxSequence	handlerId sourceType stateId	Yes	No	Yes
GetHDDataByFedFac	startDate endDate	No	No	Yes
GetHDCurrentDataByHandler	handlerId state changeDate	No	Yes	Yes

GetHDDataByHandler

This service will retrieve handler data for the specified Handler ID. If other parameters are provided (i.e., state, sourceType, sequenceNumber, and/or changeDate), the results will only contain data that meets those specifications. If no other parameters are provided, all data for this handler will be returned.

Parameter	Required
handlerID	Yes
changeDate	No
state	No
sourceType	No
sequenceNumber	No

GetHDDataByState

This service will retrieve handler data for the specified State. If a change date is provided, the result will only contain data that has been added or updated since the change date. If a change date is not provided, all data for this state will be returned. ***Note: It is recommended that this service ALWAYS be executed with a change date.***

Parameter	Required
state	Yes
changeDate	No

GetHDMaxSequence

This service will retrieve the maximum handler source record sequence number used for the specified Handler ID. If the source type is provided, only the maximum sequence number for the specified source type will provided. The State ID is used for the rare occurrence where a Handler ID is associated to more than one activity location.

Parameter	Required
handlerId	Yes
sourceType	No
stateId	No

GetHDDataByFedFac

This service will retrieve handler information for federal facilities (i.e., Land Type, Owner Type, or Operator Type = 'F') that are either Large Quantity Generators (Federal Waste Generator Status = '1') or have TSD Activity (TSD Activity = 'Y'). If a start date and end date are provided, the result will only contain handlers with a received date within the specified date range. If multiple source records for a single handler meet the specified criteria and the handler name is the same for these records, only the most recent source record will be returned. ***Note: It is recommended that this service ALWAYS be executed with a very small date range (i.e., a month).***

Parameter	Required
startDate	No
endDate	No

GetHDCurrentDataByHandler

This service will retrieve the most recent handler information (based on the Certification Date [or Received Date if no Certification Date is provided]) for the specified handler. If other parameters are provided (i.e., state and/or changeDate), the results will only contain data that meets those specifications. If no other parameters are provided, all data for this handler will be returned.

Parameter	Required
handlerId	Yes

state	No
changeDate	No

PERMITTING, CLOSURE, AND POST-CLOSURE WEB SERVICES

Below is a list of RCRAInfo data access service requests that are available over the Exchange Network and/or REST to obtain Permitting, Closure, and Post-Closure data.

Service	Parameters	EN Query	EN Solicit	REST
GetPMDataByHandler	handlerId changeDate	Yes	No	Yes
GetPMDataByState	state changeDate	No	Yes	No

GetPMDataByHandler

This service will retrieve permitting, closure, and post-closure data for the specified Handler ID. If a change date is provided, the result will only contain data that has been added or updated since the change date. If a change date is not provided, all data for this handler will be returned.

Parameter	Required
handlerID	Yes
changeDate	No

GetPMDataByState

This service will retrieve permitting, closure, and post-closure data for the specified State. If a change date is provided, the result will only contain data that has been added or updated since the change date. If a change date is not provided, all data for this state will be returned. ***Note: It is recommended that this service ALWAYS be executed with a change date.***

Parameter	Required
state	Yes
changeDate	No

Nationally-Defined Values

Biennial Report Module

NATIONALLY-DEFINED VALUES - ACUTE / NON-ACUTE STATUS

Code	Description	Definition
A	Acute Hazardous Waste	Waste Code equals F020, F021, F022, F023, F026, F027, or any "P" code and the Source Code is NOT equal to G31, G32, G33, or G39
S	Acute Spill Cleanup Material	Waste Code equals F020, F021, F022, F023, F026, F027, or any "P" code and the Source Code is equal to G31, G32, G33, or G39
N	Non-Acute Hazardous Waste	The waste stream does not meet the definition of an Acute Hazardous Waste or an Acute Spill Cleanup Material

NATIONALLY-DEFINED VALUES - CALCULATED GENERATOR STATUS

Code	Description	Definition
L	Large Quantity Generator	Meets one of the following: • Generation* of acute hazardous waste is greater than 0.012 tons • Generation* of acute hazardous waste spill clean-up material is greater than 1.32 tons • Generation* of hazardous waste is greater than or equal to 13.22 tons
E	Episodic Generator	Generation* of hazardous waste is greater than or equal to 1.10 tons and less than 13.22 tons
N	Not a Large Quantity Generator	Generation* of hazardous waste is less than 1.10 tons

*Only waste streams marked for inclusion in the National Biennial Report are included.

NATIONALLY-DEFINED VALUES - DENSITY UNIT OF MEASURE

Code	Description
1	Pounds/gallons
2	Specific gravity

NATIONALLY-DEFINED VALUES - FORM CODE

MIXED MEDIA / DEBRIS / DEVICES

Code	Description
W001	Lab packs from any source not containing acute hazardous waste
W002	Contaminated debris: (e.g., certain paper, clothing, rags, wood, empty fiber or plastic containers, glass,piping, or other solids)
W004	Lab packs from any source containing acute hazardous waste
W005	Waste pharmaceuticals managed as hazardous waste
W006	Airbag waste (airbag modules or airbag inflators managed as hazardous waste)
W301	Contaminated soil (usually from spill cleanup
W309	Batteries, battery parts, cores, casings
W310	Filters, solid adsorbents, ion exchange resins and spent carbon
W320	Electrical devices (lamps, thermostats, CRTs, etc.)
W512	Sediment or lagoon dragout, drilling or other muds
W801	Compressed gases

INORGANIC LIQUIDS

Code	Description
W101	Very dilute aqueous waste containing more than 99% water (land disposal restriction defined wastewater that is not exempt under NPDES or POTW discharge)
W103	Spent concentrated acid (5% or more)
W105	Acidic aqueous wastes less than 5% acid (diluted but pH <2)
W107	Aqueous waste containing cyanides (generally caustic)
W110	Caustic aqueous waste without cyanides (pH >12.5)
W113	Other aqueous waste or wastewaters (fluid but not sludge)
W117	Waste liquid mercury (metallic)
W119	Other inorganic liquid

ORGANIC LIQUIDS

Code	Description
W200	Still bottoms in liquid form (fluid but not sludge)
W202	Concentrated halogenated (e.g., chlorinated) solvent

W203	Concentrated non-halogenated (e.g., non-chlorinated) solvent
W204	Concentrated halogenated/non-halogenated solvent mixture
W205	Oil-water emulsion or mixture (fluid but not sludge)
W206	Waste oil managed as hazardous waste
W209	Paint, ink, lacquer, or varnish (fluid - not dried out or sludge)
W210	Reactive or polymerizable organic liquids and adhesives (fluid but not sludge)
W211	Paint thinner or petroleum distillates
W219	Other organic liquid

INORGANIC SOLIDS

Code	Description
W303	Ash (from any type of burning of hazardous waste)
W304	Slags, drosses, and other solid thermal residues
W307	Metal scale, filings and scrap (including metal drums)
W312	Cyanide or metal cyanide bearing solids, salts or chemicals
W316	Metal salts or chemicals not containing cyanides
W319	Other inorganic solids

ORGANIC SOLIDS

Code	Description
W401	Pesticide solids (used or discarded; not contaminated soils)
W403	Solid resins, plastics or polymerized organics
W405	Explosives or reactive organic solids
W406	Dried paint (paint chips, filters, air filters, other)
W409	Other organic solids

INORGANIC SLUDGES

Code	Description
W501	Lime and/or metal hydroxide sludges and solids with no cyanides (not contaminated muds)
W503	Gypsum sludges from wastewater treatment or air pollution control
W504	Other sludges from wastewater treatment or air pollution control
W505	Metal bearing sludges (including plating sludge) not containing cyanides
W506	Cyanide-bearing sludges (not contaminated soils)
W519	Other inorganic sludges (not contaminated muds)

ORGANIC SLUDGES

Code	Description
W603	Oily sludge (not contaminated muds)
W604	Paint or ink sludges, still bottoms in sludge form (not contaminated muds)
W606	Resins, tars, polymer or tarry sludge (not contaminated muds)
W609	Other organic sludge

NATIONALLY-DEFINED VALUES - MANAGEMENT CATEGORY

Code	Description	Definition
METALS RECOVERY	Metals Recovery	Management method is equal to H010
SOLVENTS RECOVERY	Solvents Recovery	Management method is equal to H020
OTHER RECOVERY	Other Recovery	Management method is equal to H039
ENERGY RECOVERY	Energy Recovery	Management method is equal to H050
INCINERATION	Incineration	Management method is equal to H040
SLUDGE TRTMNT / STAB / ENCAP	Sludge Treatment / Stabilization / Encapsulation	Management method is equal to H101, H110, H111, or H112
OTHER TREATMENT	Other Treatment	Management method is equal to H129
LAND TREATMENT / APPLICATION	Land Treatment or Application	Management method is equal to H131
LANDFILL	Landfill	Management method is equal to H130 or H132
DEEPWELL / UNDERGROUND INJECTION	Deepwell / Underground Injection	Management method is equal to H134
FUEL BLENDING	Fuel Blending	Management method is equal to H061
WASTEWATER TREATMENT	Wastewater Treatment	Management method is equal to H070, H071, H073, H075, H076, H077, H081, H082, H083, H100, H103, H120, H121, H122, H123, H124, OR H135

NATIONALLY-DEFINED VALUES - MANAGEMENT METHOD

RECLAMATION AND RECOVERY

Code	Description
H010	Metals recovery including retorting, smelting, chemical, etc.
H011	Mercury recovery (includes mercury retorting, bulb/lamp crushing and mercury vapor recovery, thermostat recovery, mercury from medical equipment recovery, mercury car switch recovery, etc.)
H015	Deployment/deactivation of airbag waste followed by metals recovery
H020	Solvents recovery
H039	Other recovery or reclamation for reuse including acid regeneration, organics recovery, etc.
H041	Open burning/open detonation (should be permitted under Subpart X with process code X01)
H050	Energy recovery at this site; used as fuel (includes on-site fuel blending before energy recovery)
H061	Fuel blending prior to energy recovery at another site (waste generated on-site or received from off-site)

DESTRUCTION OR TREATMENT PRIOR TO DISPOSAL AT ANOTHER SITE

Code	Description
H040	Incineration; thermal destruction other than use as a fuel
H070	Chemical treatment (reduction / destruction / oxidation / precipitation)
H081	Biological treatment
H090	Polymerization (LDR standard as treatment method)
H100	Physical treatment only (adsorption / absorption / separation / stripping / dewatering)
H110	Stabilization prior to land disposal at another site (encapsulation / stabilization / fixation)
H120	Combination of chemical, biological and/or physical treatment
H121	Neutralization only
H122	Evaporation
H129	Other treatment that does not include on-site disposal

DISPOSAL

Code	Description
H130	Surface impoundment that will be closed as a landfill (with prior treatment and/or stabilization meeting LDR treatment standard)

H131	Land treatment or application (with any prior treatment and/or stabilization)
H132	Landfill (with prior treatment and/or stabilization)
H134	Deepwell or underground injection (with or without treatment)
H135	Discharge to sewer/POTW or NPDES (storage or transported prior to discharge to POTW or by NPDES)

TRANSFER OFF-SITE

Code	Description
H141	Storage and Transfer -The site receiving this waste stored/bulked and transferred the waste with no reclamation, recovery, destruction, treatment, or disposal at that site

LEGACY VALUES - MANAGEMENT METHOD

DESTRUCTION OR TREATMENT PRIOR TO DISPOSAL AT ANOTHER SITE

Code	Description
H071	Chemical reduction with or without precipitation
H073	Cyanide destruction with or without precipitation
H075	Chemical oxidation
H076	Wet air oxidation
H077	Other chemical precipitation with or without pre-treatment
H082	Adsorption
H083	Air or steam stripping
H101	Sludge treatment and/or dewatering
H103	Absorption
H111	Stabilization or chemical fixation prior to disposal at another site
H112	Macro-encapsulation prior to disposal at another site
H123	Settling or clarification
H124	Phase separation

DISPOSAL

Code	Description
H139	Other Disposal

NATIONALLY-DEFINED VALUES - SOURCE CODE

WASTES FROM ON-GOING PRODUCTION AND SERVICE PROCESSES

Code	Description
G01	Dip, flush or spray rinsing (using solvents to clean or prepare parts or assemblies for further processing)
G02	Stripping and acid or caustic cleaning (using caustics to remove coatings or layers from parts or assemblies)
G03	Plating and phosphating (electro- or non-electroplating or phosphating)
G04	Etching (using caustics or other methods to remove layers or partial layers)
G05	Metal forming and treatment (pickling, heat treating, punching, bending, annealing, grinding, hardening, etc.)
G06	Painting and coating (manufacturing, building, or maintenance)
G07	Product and by-product processing (direct flow of wastes from chemical manufacturing or processing, etc.)
G08	Removal of spent process liquids or catalysts (bulk removal of wastes from chemical manufacturing or processing, etc.)
G09	Other production or service-related processes from which the waste is a direct outflow or result

WASTES FROM OTHER INTERMITTENT EVENTS OR PROCESSES

Code	Description
G11	Discarding off-specification, out-of-date, and/or unused chemicals or products
G12	Lagoon or sediment dragout and leachate collection (large scale operations in open pits, ponds, or lagoons)
G13	Cleaning out process equipment (periodic sludge or residual removal from enclosed processes including internal scrubbing or cleaning)
G14	Removal of tank sludge, sediments or slag (periodic sludge or residual removal from storage tanks including internal scrubbing or cleaning)
G15	Process equipment change-out or discontinuation of equipment use (final materials and residuals removal including cleaning)
G16	Oil changes and filter or battery replacement (automotive, machinery, etc.)
G17	Subpart K laboratory waste clean-out (facility must have opted into the Subpart K rule to use this source code)
G19	Other one-time or intermittent processes

RESIDUALS FROM POLLUTION CONTROL AND WASTE MANAGEMENT PROCESSES

Code	Description
G21	Air pollution control devices (e.g., baghouse dust ash, etc. from stack scrubbers or precipitators; vapor collection, etc.)
G22	Laboratory analytical wastes (used chemicals from laboratory operations)
G23	Wastewater treatment (sludge, filter cake, etc., including wastes from treatment before discharge by NPDES or POTW or by UIC disposal)
G24	Solvent or product distillation as part of a production process (including totally enclosed treatment systems)
G25	Treatment, disposal, or recycling of hazardous wastes
G26	Leachate collection (from landfill operations or other land units)
G27	Treatment or recovery of universal waste

WASTES FROM SPILLS AND ACCIDENTAL RELEASES

Code	Description
G31	Accidental contamination of products, materials or containers
G32	Cleanup of spill residues (infrequent, not routine)
G33	Leak collection and floor sweeping (on-going, routine)
G39	Other cleanup of current contamination (specify in comments)

WASTES FROM REMEDIATION OF PAST CONTAMINATION

Code	Description
G41	Closure of hazardous waste management unit under RCRA
G42	Corrective action at a solid waste management unit under RCRA
G43	Remedial action or emergency response under Superfund
G44	Cleanup under State or voluntary program
G45	Cleanup of underground storage tank
G49	Other remediation

WASTES RECEIVED BY AN LQG FROM VSQGS UNDER THE CONTROL OF THE SAME PERSON

Code	Description
G51	Hazardous wastes received by an LQG from VSQGs under the control of the same person

WASTES NOT PHYSICALLY GENERATED ON-SITE

Code	Description

G61	Received from off-site for storage/bulking and transfer off-site for treatment or disposal
G62	Hazardous waste received from a site located in a foreign country (other than a U.S. territory or protectorate)
G63	Hazardous waste received from Antarctica
G64	Hazardous waste received from Aruba
G65	Hazardous waste received from Bahamas
G66	Hazardous waste received from Belgium
G67	Hazardous waste received from Brazil
G68	Hazardous waste received from Canada
G69	Hazardous waste received from Holland
G70	Hazardous waste received from Malaysia
G71	Hazardous waste received from Mexico
G72	Hazardous waste received from New Zealand
G73	Hazardous waste received from Taiwan
G74	Hazardous waste received from Venezuela
G75	Hazardous waste received from other foreign country - see Comments for country name
G76	Evaluated hazardous waste pharmaceuticals accumulated by a reverse distributor
G77	Airbag waste received from airbag waste handlers exempted under 40 CFR 261.7(j) prior to arrival at the airbag collection facility or designated facility

LEGACY VALUES - SOURCE CODE

WASTE NOT PHYSICALLY GENERATED ON-SITE

Code	Description
G63	Hazardous waste received from Antarctica
G64	Hazardous waste received from Aruba
G65	Hazardous waste received from Bahamas
G66	Hazardous waste received from Belgium
G67	Hazardous waste received from Brazil
G68	Hazardous waste received from Canada
G69	Hazardous waste received from Holland
G70	Hazardous waste received from Malaysia
G71	Hazardous waste received from Mexico
G72	Hazardous waste received from New Zealand
G73	Hazardous waste received from Taiwan

G74	Hazardous waste received from Venezuela
G75	Hazardous waste received from other foreign country - see Comments for country name

NATIONALLY-DEFINED VALUES - UNIT OF MEASURE

Code	Description
1	Pounds
2	Short Tons (2,000 pounds)
3	Kilograms
4	Metric Tonnes (1,000 kilograms)
5	Gallons
6	Liters
7	Cubic Yards

NATIONALLY-DEFINED VALUES - WASTE CODE GROUP

To make an analysis by waste code more meaningful, an algorithm was developed to map waste code combinations into a single, unique code that applies to the entire waste stream. These mutually exclusive codes are referred to as "Waste Code Groups". In general, the algorithm prioritizes waste codes that provide the most specific information regarding what makes the waste hazardous. The algorithm used to categorize the waste streams is presented below in hierarchical order.

Code	Most Specific Federal EPA Waste Code(s) Reported	Other Federal EPA Waste Code(s) That May Be Reported	Other Federal EPA Waste Code(s) That Cannot Be Reported
[see waste code values]	Single waste code reported by the facility	None	None
LABP	Lab packs with no identified code (i.e., "LABP")	Any K, F, U, P, or D waste codes	None
F039	F039	Any K, F, U, P, or D waste codes	Non*[*e
[see K waste code values]	Single K code	Any F, U, P, or D waste codes	None
KPET	K048-K052 combinations only	Any F, U, P, or D waste codes	Other K waste codes
KXXX	K code combinations	Any F, U, P, or D waste codes	None
[see F waste code values]	Single F code	Any U, P, or D waste code	None
F1_5	F001-F005 combinations	Any U, P, or D waste codes	Other F waste codes
F6_9	F006-F009 combinations	Any U, P, or D waste codes	Other F waste codes
F1012	F010-F012 combinations	Any U, P, or D waste codes	Other F waste codes
F20S	F020-F028 combinations	Any U, P, or D waste codes	Other F waste codes
F30S	F032-F035 combinations	Any U, P, or D waste codes	Other F waste codes
PSLU	F037-F038 combinations	Any U, P, or D waste codes	Other F waste codes
FMIX	Any other F mixtures	Any U, P, or D waste codes	None
[see U waste code values]	Single U code	Any D waste codes	Any P waste codes
UMIX	U mixtures	Any D waste codes	Any P waste codes
[see P waste code values]	Single P code	Any D waste codes	Any U waste codes
U_PS	U and P mixtures	Any D waste codes	None

PMIX	P mixtures	Any D waste codes	None
[see D waste code values]	Single D code	None	None
[see D004-D017 waste code values]	Any single D004-D017 code	D001, D002, and/or D003	None
TCMT	D004-D011 combinations	D001, D002, and/or D003	None
PEST	D012-D017 combinations	D001, D002, and/or D003	None
TCORICR	One or more D018-D043 code	D001, D002, and/or D003	None
TCOR Only	D018-D043 combinations	None	None
ICR	D001-D003 combinations only	None	None
DMIX	Any other D mixtures	None	None

NATIONALLY-DEFINED VALUES - WASTE GENERATION ACTIVITY

Code	Description	Definition
C	Clean-up Wastes	Source code is equal to G31, G32, G33, G39, G41, G42, G43, G44, G45, or G49
T	Treatment and Disposal Facility Wastes	Primary NAICs code starts with '562'
P	Production Process Wastes	Source code is equal to G01, G02, G03, G04, G05, G06, G07, G08, G09, G11, G12, G13, G14, G15, G16, G17, G19, G21, G22, G23, G24, G25, G26, or G27
I	Imported Wastes	Source code is equal to G62, G63, G64, G65, G66, G67, G68, G69, G70, G71, G72, G73, G74, or G75

NATIONALLY-DEFINED VALUES - WASTE MINIMIZATION

Code	Description
A	Continued initiatives to reduce quantity and/or toxicity of this waste
B	Continued initiatives to recycle the waste either on-site or off-site
C	Implemented new initiatives to reduce quantity and/or toxicity of this waste
D	Implemented new initiatives to recycle the waste either on-site or off-site
N	Waste minimization efforts found to be economically or technically impracticable
X	No waste minimization efforts were implemented for this waste

NATIONALLY-DEFINED VALUES - WASTE PROPERTY

Code	Description	Definition
C	Characteristic Wastes	Has at least one Federal "D" waste code and does NOT have any Federal "F", "K", "P", or "U" waste codes
L	Listed Wastes	Has at least one Federal "F", "K", "P", or "U" waste code and does NOT have any Federal "D" waste code
B	Both Characteristic and Listed Wastes	Has at least one Federal "D" waste code and at least one Federal "F", "K", "P", or "U" waste code
U	Unknown	The waste stream does not meet the definition of a characteristic waste, listed waste, or both characteristic and listed waste

CM&E Module

NATIONALLY-DEFINED VALUES - ACTIVITY LOCATION

Code	Description
AL	ALABAMA
AK	ALASKA
AS	AMERICAN SAMOA
AZ	ARIZONA
AR	ARKANSAS
CA	CALIFORNIA
CO	COLORADO
CT	CONNECTICUT
DE	DELAWARE
DC	DISTRICT OF COLUMBIA
FL	FLORIDA
GA	GEORGIA
GU	GUAM
HI	HAWAII
ID	IDAHO
IL	ILLINOIS
IN	INDIANA
IA	IOWA
KS	KANSAS
KY	KENTUCKY
LA	LOUISIANA
ME	MAINE
MD	MARYLAND
MA	MASSACHUSETTS
MI	MICHIGAN
MN	MINNESOTA
MS	MISSISSIPPI
MO	MISSOURI
MT	MONTANA
NN	NAVAJO NATION
NE	NEBRASKA
NV	NEVADA
NH	NEW HAMPSHIRE

NJ	NEW JERSEY
NM	NEW MEXICO
NY	NEW YORK
NC	NORTH CAROLINA
ND	NORTH DAKOTA
MP	NORTHERN MARIANAS
OH	OHIO
OK	OKLAHOMA
OR	OREGON
PA	PENNSYLVANIA
PR	PUERTO RICO
RI	RHODE ISLAND
SC	SOUTH CAROLINA
SD	SOUTH DAKOTA
TN	TENNESSEE
TX	TEXAS
TT	TRUST TERRITORIES
UT	UTAH
VT	VERMONT
VI	VIRGIN ISLANDS
VA	VIRGINIA
WA	WASHINGTON
WV	WEST VIRGINIA
WI	WISCONSIN
WY	WYOMING
01	EPA Region 1
02	EPA Region 2
03	EPA Region 3
04	EPA Region 4
05	EPA Region 5
06	EPA Region 6
07	EPA Region 7
08	EPA Region 8
09	EPA Region 9
10	EPA Region 10

NATIONALLY-DEFINED VALUES - CITATION

Code	Name	Description
FR	Federal Regulation	Citations of the federal regulations in 40 CFR.
FS	Federal Statute	Citations of the federal statute (RCRA).
OC	Order Condition	Citations of terms or conditions of a formal enforceable action.
PC	Permit Condition	Citations of conditions and requirements of a RCRA permit.
SR	State Regulation	Citations of State regulations.
SS	State Statute	Citations of a State statute.
V3	Converted from V2	Code used for conversion of V2 EPA - discovered violations or violations for which EPA is responsible (State transferred the violation to EPA with an 810 enforcement action), since in V3 ALL EPA VIOLATIONS MUST have at least one citation. No new data entry will be allowed for this code.

NATIONALLY-DEFINED VALUES - DISPOSITION STATUS

Code	Name	Description
AS	Action Satisfied (Case Closed)	The specific enforcement action is officially closed and has no outstanding settlement payments or other terms or conditions remaining to be satisfied.
DR	Dropped	The specific enforcement action has been rejected, terminated, or removed from further consideration.
DS	Dismissed	The specific enforcement action has been dismissed by the court.
PC	Public Review Completed	The specific enforcement action has completed its Public Review period.
PR	Open for Public Review	The specific enforcement action is open for Public Review.
RI	Reinstated	The specific enforcement action was reinstated after having been dropped, returned, revoked, or withdrawn.
RT	Returned	The specific enforcement action has been returned without an enforcement action being taken. (For example, a case referred to DOJ was returned to the referring agency for them to reconsider other enforcement options.)
RV	Revoked	The specific enforcement action has been annulled, rescinded, repealed, canceled, or otherwise made void.
WD	Withdrawn	The specific enforcement action has been officially withdrawn.

NATIONALLY-DEFINED VALUES - ENFORCEMENT TYPE

Code	Name	Description	Formal Action*
110	Verbal Informal	Oral notification by an agency representative informing a RCRA hazardous waste site that they violated applicable laws or requirements. No further action is taken if the site achieves compliance in a timely manner.	No
120	Written Informal	A written notification by an agency representative informing and notifying a RCRA hazardous waste site that they violated applicable laws or requirements, advising the site of what to correct and by what date the correction should take place.	No
130	Notice of Determination	A written notification by an agency representative to a RCRA site in response to the specific site's self-disclosure of specific RCRA violations or requirements.	No
140	Letter of Intent to Initiate Enforcement Action	A written notification by an agency representative notifying a RCRA hazardous waste site of further follow-up enforcement action by the responsible agency. In some instances, these actions may be considered Notices of Intent or Show Cause letter.	No
210	Initial 3008(a) Compliance	Initial formal administrative enforcement action issued by the implementing agency asserting the agency's position that violations have occurred. The respondent/defendant is afforded the opportunity to appeal the agency's determination of violations to a trier of fact. These orders often impose penalties or proposed penalties.	Yes
220	Initial Imminent and Substantial Endangerment Order	Initial formal administrative order issued by the implementing agency addressing conditions which may present an imminent and substantial endangerment to public health or the environment.	No
230	Initial Monitoring, Analysis, Test Order	Initial formal administrative order issued by the implementing agency addressing situations that require monitoring, testing and/or analysis.	No
240	Initial 3008(h) I.S. CA Order	Initial formal administrative order issued by the implementing agency addressing corrective action.	No
250	Field Citation	An expedited initial formal administrative enforcement action addressing violations observed. These actions are often issued directly to a site in the field and assess penalties. In some instances, these actions may be considered "tickets."	No
301	Release of Notice of Violation		No
310	Final 3008(a) Compliance Order	Final formal administrative order issued by the implementing agency asserting the agency's position that remedial action is required. The respondent/defendant is afforded the opportunity to appeal the agency's determination to a trier of fact.	Yes
320	Final Imminent Hazard Order	Final formal administrative order issued by the implementing agency addressing conditions which may present an imminent and	No

		substantial endangerment to public health or the environment.	
330	Final Monitoring, Analysis, Test Order	Final formal administrative order issued by the implementing agency addressing situations that require monitoring, testing and/or analysis.	No
340	Final 3008(h) I.S. CA Order	Final formal administrative enforcement action issued by the implementing agency addressing corrective action remediation needs.	No
380	Multi Site Super CA/FO	Final formal enforcement code to be used when a super CA/FO is issued pursuant to Part 22.13(b). These Super CA/FOs require a CA/FO sequence number which will be used to tie together all sites involved in this case. (Note: These actions MUST have a CA/FO sequence number, since it always has multiple sites.	Yes
385	Single Site Super CA/FO	Final formal enforcement code to be used when a super CA/FO is issues pursuant to Part 22.13(b). (Note: These actions CAN NOT have a CA/FO sequence number. The enforcement involves only one site.)	Yes
410	Referral to Attorney General	A formal written request to Attorney General to proceed with judicial enforcement.	Yes
420	Referral to Department of Justice	A formal written request to the Department of Justice to proceed with judicial enforcement.	Yes
425	Referral to DOJ to Collect Penalties	A formal written request to the Department of Justice to collect penalties.	Yes
430	Referral to District Attorney/City Attorney/County Attorney/State Attorney	A formal written request to a District Attorney, City Attorney, County Attorney, or State Attorney to proceed with judicial enforcement (all judicial referrals levels lower than DOJ and AG levels).	Yes
510	Initial Civil/Judicial Action for Compliance and/or Monetary Penalty	Initial formal legal actions taken (formally filed) for violation(s) that are not criminal actions which require compliance and/or assessment of monetary penalties.	Yes
520	Initial Civil Action for Imminent and Substantial Endangerment	Initial formal legal action filed in court to address conditions which may present an imminent and substantial endangerment.	No
530	Initial Civil/Judicial Action for Corrective Action	Initial formal legal action filed in court to address situations where violations require corrective action remediation response.	Yes
610	Final Civil/Judicial Action for Compliance and/or Monetary Penalty	Final formal legal actions taken (formally filed) for violation(s) that are not criminal actions, which require compliance and/or assessment of monetary penalties.	Yes
620	Final Civil/Judicial Action for Imminent and Substantial Endangerment	Final formal legal action filed in court to address conditions which may present an imminent and substantial endangerment to public health or the environment.	Yes

630	Final Civil/Judicial Action for Interim Corrective Action	Final formal legal action filed in court to address situations where violations require corrective action remediation response.	Yes
710	Referral to Criminal	A formal request to another agency or unit of government to proceed with criminal enforcement.	No
720	Criminal Indictment	A written notification advising a hazardous waste site they have been charged with a criminal offense.	No
730	Criminal Conviction	A court ruling which finds a hazardous waste site guilty of a criminal offense.	No
740	Criminal Acquittal	A court ruling which finds a hazardous waste site not guilty and set free from the charge of an offense by verdict, sentence, or other legal process.	No
810	State to EPA Administrative Referral	A formal written request to EPA from a State to proceed with enforcement.	Yes
820	EPA to State Administrative Referral	A formal written request to a State from EPA to proceed with enforcement.	Yes
830	RCRA to CERCLA Administrative Referral	A formal written request from a State or EPA RCRA program to a State or EPA CERCLA program.	Yes
840	EPA Regions to EPA HQ Administrative Referral	A formal written request from an EPA Region(s) to EPA Headquarters (HQ) that includes Federal Facilities and/or other cases to be handled at the HQ level.	Yes
850	Administrative Referrals to Other RCRA Programs	A formal written request from a RCRA regulatory program that is referred to another RCRA regulatory program, including UST, Corrective Action, and Municipal Solid Waste.	Yes
860	Administrative Referrals to Other Programs	A formal written request from a RCRA regulatory program that is referred to other regulatory programs such as Air, Water, OSHA, etc.	Yes
865	Referral to U.S. Treasury	A formal written request to the U.S. Treasury Department to collect penalties.	Yes

*The "Formal Action" designation indicates which enforcement actions are considered formal actions when determining if a significant non-complier has been addressed.

NATIONALLY-DEFINED VALUES - EVALUATION TYPE

Code	Name	Description	Follow Up
CAC	Corrective Action Compliance Evaluation	An evaluation of a site's compliance with the corrective action requirements of a permit or an order. When a CAC is conducted as part of another inspection type (CEI, GME, etc.), a separate entry for a CAC should be conducted for the CAC component.	No
CAV	Compliance Assistance Visit	The compliance assistance activity that a Region or State conducts at a specific site to assist the site in achieving compliance as outlined in the OECA Operating Principles (URL: http://www.epa.gov/compliance/resources/policieis/planning/state/oprininteg-mem.pdf). A CAV evaluation does not include evaluation events that would otherwise qualify as another type of evaluation such as a CEI or OAM evaluation or conducted under the auspices of a confidentiality agreement via a small business or local government assistance program (sometimes referred to as an amnesty program). However, this CAV activity code would include technical site-specific compliance assistance not considered "interpretive technical assistance." CAVs are conducted without the threat of enforcement. Therefore, CAVs cannot be linked to violations or enforcement actions.	No
CDI	Case Development Inspection	A CDI is an on-site inspection conducted for the sole purpose of gathering additional information that supports the evidence (i.e., samples, on-site record review, interview, etc.) for a potential or pending enforcement case. A CDI is performed only after an initial evaluation has resulted in the observation of potential violations.	Yes
CEI	Compliance Evaluation Inspection	A CEI evaluation is primarily an on-site evaluation of the compliance status of the site with regard to all applicable RCRA Regulations and Permits (with the exception of groundwater monitoring and financial assurance requirements). Although portions of a CEI evaluation may routinely be conducted in an agency office setting, such "office" evaluations are considered an integral part of a CEI in terms of completing an evaluation. The overall evaluation of a site's compliance status may take place over multiple days necessitating multiple site visits and activities. The entire set of activities and associated effort is considered a single CEI. The major function of a CEI is an overall review of the site's performance. The inspection includes an on-site examination of records and other documents maintained by the site and an evaluation of the site's compliance with all applicable requirements and adequate sampling, when necessary. Where appropriate, it includes groundwater monitoring assessment outlines or plans, closure/post-closure plans, contingency plan reviews, waste analysis plan reviews, and preparedness and prevention plan reviews. Specifically excluded from the CEI type of evaluation are financial assurance requirements and inspections of groundwater monitoring systems. A review of financial assurance requirements is most often conducted by "agency experts", and appropriately coded as a Financial Record Review (FRR) evaluation. Inspections of groundwater monitoring systems are coded as either a GME or	No

		OAM.	
CSE	Compliance Schedule Evaluation	An evaluation conducted to verify compliance with an enforceable compliance schedule associated with a formal enforcement action. When a CSE is conducted as part of another inspection type (CEI, GME, etc.), a separate CSE entry should be made in RCRAInfo for the CSE component.	Yes
FCI	Focused Compliance Inspection	An FCI is an on-site inspection that addresses only a specific portion or Subpart of the RCRA regulations or authorized State regulations/programs. Some examples of an FCI are a Subpart CC inspection, BIF inpsection, Universal Waste Rule inspection, closure verification inspection, training inspections, etc. Nationally defined Focus Areas must be used with this evaluation type to further define the specific scope of the FCI.	No
FRR	Financial Record Review	An extensive detailed review of a site's compliance with financial responsibility requirements. Financial Record Reviews are conducted in the Agency office and not on-site.	No
FSD	Facility Self Disclosure	Indication that a site has self-disclosed the existence of a violation and/or performed an audit and has submitted the information as appropriate to the State or EPA.	No
FUI	Follow-Up Inspection	A partial on-site inspection conducted to verify the status of violations cited during a previous evaluation. An FUI code value should only be used if the effort involved, or the extent of areas inspected, are insufficeient to qualify as one of the more comprehensive evaluation types. includes inspections following up to formal/informal actions where on enforceable compliance schedule has been established. Does not include any inspections involving an enforceable compliance schedule associated with a formal enforcement aciton. When an FUI inpsection is conducted as part of another inspection type (CEI, GME, etc.), a separate FUI entry should be made in RCRAInfo forthe FUI component. Please note that new violations may be cited as a result of an FUI evaluation, and those new violations would be linked to the FUI.	Yes
GME	Groundwater Monitoring Evaluation	A detailed evaluation of the adequacy of the design and operation of a site's groundwater monitoring system as per EPA's Final RCRA Compliance Groundwater Monitoring Evaluation Guidance Document. Evaluation of the groundwater monitoring system design should be conducted by a hydrogeologist and includes the review of the owner/operator's characterization of the hydrogeology beneath hazardous waste management units, monitoring well placement and depth/spacing, and well design and construction. It is essential that the GME ensure that the owner/operator has designed an adequate groundwater monitoring system. In addition, an integral part of the GME is the review of the operation of the groundwater monitoring system through an evaluation of the owner/operator's sampling and analysis plan and its implementation. GMEs should be scheduled, to the maximum exten possible, to coincide with owner/operator sampling events to permit the field evaluation of sampling techniques. Inspectors should collect splits or conduct EPA/State sampling as a random check of groundwater quality data at any wells that may have indicated releases to support enforcement of corrective action. A comparison of EPA/State and owner/operator analytical results can be used to assess laboratory accuracy and establish the reliability of owner/operator submitted data. A GME should encompass everything covered in the CEI for	No

		groundwater monitoring facilities. In addition, GMEs should include: a. a detailed investigation of the engineering features and effectiveness of the groundwater monitoring system; b. a detailed review of the site's groundwater sampling and analysis plan; c. re-calculation of statistics at detection monitoring facilities to ensure that the site should not be in assessment; d. detailed examination of the site's assessment monitoring plan and field implementation; e. re-evaluation of groundwater flow direction; and f. a substantial amount of samp	
NIR	No 3007 Information Request Received	Agency conducted an in-agency office review and determined a failure to respond to a 3007 information request.	Yes
NRR	Non-financial Record Review	An evaluation conducted in the Agency office involving a detailed review of non-financial records.	No
OAM	Operation and Maintenance Inspection	The Operation and Maintenance Inspection is a periodic inspection of how well a groundwater monitoring system continues to function once it is considered well designed. The inspection focuses on the condition of wells and sampling devices. Evaluation of well recovery notes, turbidity of water, total depth, depth to water, etc. should be made and compared to historic data. Sampling devices should be tested and if necessary pulled and visually inspected. The findings of an O&M inspection will indicate whether case development is warranted and/or will serve to focus future GMEs. The inspector should be experienced in evaluation of groundwater monitoring systems, e.g., hydrogeologist. This inspection can include sampling.	No
SNN	No Longer a Significant Non-Complier (SNC)	A determination has been made to remove the SNC designation for a site.	N/A
SNY	A Significant Non-Complier (SNC)	A determination has been made to designate a site as an SNC using guidelines as set forth in the current version of the Hazardous Waste Civil Enforcement Response Policy (ERP). An SNC is a site that has caused actual exposure or a substantial likelihood of exposure to hazardous waste or hazardous waste constituents; is a chronic or recalcitrant violator; or deviates substantially from the terms of a permit, order, agreement or from RCRA statutory or regulatory requirements. In evaluating whether there has been actual or likely exposure to hazardous waste or hazardous waste constituents, implementers should consider both environmental and human health concerns. However, environmental impact or a substantial likelihood of impact alone is sufficient to cause a violator to be an SNC, particularly when the environmental media affected require special protection (e.g., wetlands or sources of underground drinking water). Additionally, when deciding whether a violator meets this criterion, implementers should consider the potential exposure of workers to hazardous waste or hazardous waste constituents. Further, although	N/A

		consideration should be given to compliance status with other environmental statutes and regulations, an SNC in RCRAInfo should be linked to all applicable violations that contributed to the SNC designation, where appropriate. Although there are benefits to doing so, linkage of SNY determination to specific RCRA violations that contributed to the SNC determination is optional.	

NATIONALLY-DEFINED VALUES - FOCUS AREA

FOCUS AREAS APPLICABLE TO FCI EVALUATIONS

Code	Name	Description
BIF	Boiler/Industrial Furnace	Inspection focused on compliance with regulatory requirements for boilers and industrial furnaces.
CAR	Corrective Action/Remediation Oversight	Inspection focused on the oversight of corrective action or State remediation activities. Use this code only when the oversight does not represent an evaluation of the site's compliance with the corrective action requirements present in a permit or order (definition of CAO Evaluation Type).
CCI	Subpart CC Inspection	Inspection focused on compliance with air emission standards for tanks, surface impoundments, and containers as covered in 40 CFR 264 and 265, subparts CC.
CFI	Commercial Facility Inspection	Focused inspection at a commercial facility (i.e., site covered under the EPA Off-Site Policy) that does not constitute a CEI.
CPC	Closure/Post-Closure Inspection	Inspection focused on oversight of closure/post-closure activities, including certification of closure/post-closure.
DOS	Definition of Solid Waste	Inspection to verify information related to variance requests, delisting, solid/hazardous waste determination, speculative accumulation, etc.
ECM	Expanded Compliance Monitoring	On-site inspection activities that fall under the expanded definition of compliance monitoring in the RCRA Compliance Monitoring Strategy (CMS).
EMR	Emergency Response Activity	RCRA activity related to emergency response and subsequent clean-up.
FAI	Financial Assurance Inspection	Inspection to evaluate regulatory compliance with financial assurance requirements.
IEC	Institutional and/or Engineering Control Implementation Evaluated	Inspection in conjunction with another evaluation where the institutional and/or engineering control implementation at the facility was evaluated.
IEI	Import/Export Inspection	Inspection to evaluate regulatory compliance for hazardous waste imports and exports.
INC	Hazardous Waste Incinerator Inspection	Inspection/observation of other incinerator activities.
ISI	Inactive Site Inspection	Inspection to verify the status of a site. This code should only be used when the site's status was verified as inactive.
LDR	Land Ban Restrictions	Inspection focused on compliance with the land ban restrictions.
PTB	Performance Test (Trial Burn)	Inspection to evaluate trial burn performance.

PTX	Performance Test (Subpart X)	Inspection to evaluate performance under Subpart X requirements.
RTI	Remote Transporter Inspection	Inspection of a transporter's vehicle and associated manifesting documentation from a remote location (i.e., in transit).
THI	TSD HWMU Inspection	Compliance monitoring inspection focused on specific regulatory requirements of Hazardous Waste Management Units (tanks, surface impoundments, drip pads, etc.).
UIC	Underground Injection Control	Evaluation of compliance with underground injection control requirements.
UOI	Used Oil Inspection	Inspection focused on compliance with the Used Oil regulations as covered by 40 CFR 279.
UWR	Universal Waste Rule Inspection	Inspection focused on compliance with the Universal Waste Rule as covered by 40 CFR 273.
V3	Conversion to Version 3	This value is used only in the conversion of historical data to Version 3. This focus area will not be allowed for new evaluations.

FOCUS AREAS APPLICABLE TO NRR EVALUATIONS

Code	Name	Description
BRR	Biennial/Annual Report Review	Review focused on Biennial/Annual report.
CDR	Corrective Action Documentation Review	Review focused on documentation associated with the corrective action activities occurring at the facility.
GDR	Groundwater Documentation Review	Review focused on documentation associated with groundwater.
MER	Manifest/Exception Report Review	Review focused on manifests associated with the handler.
SDR	Sampling Data/Waste Determination Review	Review focused on documentation associated with sampling data and/or waste determination.

NATIONALLY-DEFINED VALUES - PENALTY TYPE

Code	Name	Description
FMP	Final Monetary Penalty	The amount of the total penalty in dollars that a site named in an enforcement action must pay directly to the responsible agency (for consent agreements with SEP, this amount does not include SEP credits).
FSC	Final SEP Cost	The amount referenced in an enforcement action, at the issuance of the agreement, as the cost in dollars to the site of a supplemental environmental project. This amount is used as the basis to determine how much of the cost may be applied as a SEP Credit (SCR) to offset a portion of a penalty.
PMP	Proposed Monetary Penalty	The amount of the total penalty in dollars proposed in an initial enforcement action.
SCR	SEP Credit	The actual or estimated credit in dollars allowed by the agency for the completed SEP and applied towards the total final settlement amount. This is the dollar amount used as an offset to the actual penalty amount and usually represents only a portion of the actual cost (or Final SEP Cost) of the SEP.
USM	Up to the Statutory Maximum	This penalty type is used to indicate the responsible agency is seeking up to the maximum penalty allowed by law in their enforcement action.
ZAP	Zero Ability to Pay	Used to track a final monetary penalty of zero to allow the recording of circumstances where the State or Region assessed a monetary penalty but later, through whatever means available, justified that the facility is unable to pay a penalty. Penalty type ZAP allows the tracking of this final assessed/settled penalty of $0.

NATIONALLY-DEFINED VALUES - RESPONSIBLE AGENCY

Code	Description	Entity Association	Evaluations	Violations	Enforcement Actions	3007 Information Requests
B	State Contractor/Grantee	State	Yes	No	No	Yes
C	EPA Contractor/Grantee	Region	Yes	No	No	Yes
E	EPA	Region	Yes	Yes	Yes	Yes
L	Local	State (only California)	Yes	No	No	No
N	Native American	Region	Yes	No	No	No
S	State	State	Yes	Yes	Yes	Yes
T	State-Initiated Oversight/Observation/Training Actions	State	Yes	No	No	No
X	EPA-Initiated Oversight/Observation/Training Actions	Region	Yes	No	No	No

Note: The columns "Evaluations", "Violations", "Enforcement Actions", and "3007 Information Requests" are provided to indicate which responsible agency values are valid for that particular section within the CM&E module.

NATIONALLY-DEFINED VALUES - RETURN TO COMPLIANCE QUALIFIER

Code	Name	Description
D	Documented	The site demonstrated that it is in full physical compliance by filing appropriate documentation with the implementing agency.
N	Not Resolvable	Situations where, although the original violations may still exist or may never have been corrected, there is no further legal action that the agency can pursue to compel the site to bring the violation into full physical compliance. Therefore, the open status of the violation is being closed out. Examples of circumstances that could be considered "not resolvable" include, among others, scenarios involving bankruptcy (company has no financial means to continue efforts to return to compliance), statute of limitations restrictions, and violations that were referred from RCRA to CERCLA (enforcement type 830), referrals to other RCRA programs (enforcement action 850), or referrals to other programs (enforcement type 860).
O	Observed	Verified by on-site inspection that his violation is now in full physical compliance.
U	Unverifiable	Situations where it is not possible to verify whether or not the original violation still exists or whether it was corrected and returned to compliance. This would apply to a variety of scenarios, including: (a) a site is closed and out of business; (b) a facility's permit has expired and the regulated activity is no longer being conducted; (c) a site's operational status has changed from active to inactive; and (d) a site appears to be in full physical compliance but correction of the original violation cannot be validated (e.g., the violation was for an unlabeled drum and, based on subsequent inspection, all observed drums on-site are now labeled but it is not possible to determine whether the original drum observed to be unlabeled is among the drums currently on-site).

NATIONALLY-DEFINED VALUES - SEP TYPE

Code	Name	Description
EAA	Environmental Audits and Assessment	SEP types that involve auditing and assessment activities.
EAP	Environmental Awareness Programs	SEP types that involve education and outreach activities, to both regulated and non-regulated communities.
EMS	Environmental Management Systems	SEP types that involve Environmental Management Systems.
EPP	Emergency Planning and Preparedness	SEP types involving emergency planning, preparedness, and related emergency management activities.
ERE	Environmental Restoration	SEP types involving environmental restoration and revitalization activities.
PHE	Public Health	SEP types involving activities impacting on public health.
PPR	Pollution Prevention and Reduction	SEP types involving pollution prevention and/or pollution reduction activities.

NATIONALLY-DEFINED VALUES - VIOLATION TYPE

Code	Name	Description
260.A	Hazardous Waste Management System - General	Standards Applicable to Hazardous Waste Management System: General
260.B	HW Management System - Definitions	HW Management System - Definitions
260.C	HW Management System - Rulemaking Petitions	HW Management System: Rulemaking Petitions
261.A	Listing - General	ID and Listing of HW: General
261.AA	Listing - Air Emissions Standards - Process Vents	ID and Listing of HW: ID and Listing of HW: Air Emissions Standards for Process Vents
261.B	Listing - Criteria	ID and Listing of HW: Criteria for Identifying the Characteristics of HW and for Listing HW
261.BB	Listing - Air Emissions Standards - Equipment Leak	ID and Listing of HW: Air Emissions Standards for Equipment Leaks
261.C	Listing - Characteristics	ID and Listing of HW: Characteristics of HW
261.CC	Listing- Air Emisions Standards-Tanks/Containers	ID and Listing of HW: Air Emissions Standards for Tanks and Containers
261.D	Listing - Lists of HW	ID and Listing of HW: Lists of HW
261.E	Listing - Exclusion / Exemptions	ID and Listing of HW: Exclusion / Exemptions
261.H	Listing - Financial Requirements	ID and Listing of HW: Financial requirements for management of excluded Hazardous Secondary Material
261.I	Listing - Container Use and Management	ID and Listing of HW: Use and management of containers
261.J	Listing - Tank Systems Standards	ID and Listing of HW: Tanks systems for storing or treating Hazardous Secondary Materials
261.M	Listing - Preparedness and Response	ID and Listing of HW: Emergency preparedness and response for management of Excluded Hazardous Secondary Materials
262.A	Generators - General	Standards Applicable to Generators of HW: General
262.B	Generators - Manifest	Standards Applicable to Generators of HW: Manifest Requirements Applicable to Small and Large Quantity Generators
262.C	Generators - Pre-transport	Standards Applicable to Generators of HW: Pre-Transport Requirements Applicable to Small and Large Quantity Generators
262.D	Generators - Records/Reporting	Standards Applicable to Recordkeeping and Reporting Applicable to Small and Large Quantity Generators
262.E	Generators - Exports	Standards Applicable to Generators of HW:

		Exports of HW
262.F	Generators - Imports	Standards Applicable to Generators of HW: Imports of HW
262.H	Generators - Transboundary Shipments for Recovery	Standards Applicable to Generators of HW: Transboundary Movements of Hazardous Waste for Recovery or Disposal
262.K	Generators- Academic Labs	Standards Applicable to Generators of HW: Alternative Requirements for Laboratories Owned by Eligible Academic Entities
262.L	Episodic Generators	Standards Applicable to Generators of HW: Alternative Standards for Episodic Generators
262.M	Preparedness, Prevention, and Emergency Procedures	Standards Applicable to Generators of HW: Preparedness. Prevention, and Emergency Procedures for LQGs
263.A	Transporters - General	Standards Applicable to Transporters of HW: General
263.B	Transporters - Manifest System and Recordkeeping	Standards Applicable to Transporters of HW: Compliance with the Manifest System and Recordkeeping
263.C	Transporters - HW Discharges	Standards Applicable to Transporters of HW: HW Discharges
264.A	TSD - General	Standards for Owners and Operators of HW TSDs: General
264.AA	TSD - Air Emission Standards - Process Vents	Standards for Owners and Operators of HW TSDs: Air Emission Standards for Proces Vents
264.B	TSD - General Facility Standards	Standards for Owners and Operators of HW TSDs: General Facility Standards
264.BB	TSD - Air Emission Standards for Equipment Leaks	Standards for Owners and Operators of HW TSDs: Air Emission Standards for Equipment Leaks
264.C	TSD - Preparedness and Prevention	Standards for Owners and Operators of HW TSDs: Preparedness and Prevention
264.CC	TSD - Air Emission Standards - Tanks/SI/Containers	Standards for Owners and Operators of HW TSDs: Air Emission Standards for Tanks, Surface Impoundments and Containers
264.D	TSD - Contingency Plan and Emergency Procedures	Standards for Owners and Operators of HW TSDs: Contingency Plan and Emergency Procedures
264.DD	TSD - Containment Building Standards	Standards for Owners and Operators of HW TSDs: Containment Buildings
264.E	TSD - Manifest/Records/Reporting	Standards for Owners and Operators of HW TSDs: Manifest System, Recordkeeping and Reporting
264.EE	TSD - Munitions/Explosives Storage	Standards for Owners and Operators of HW TSDs: HW Munitions and Explosives Storage
264.F	TSD - Releases from SWMUs	Standards for Owners and Operators of HW TSDs: Releases from Solid Waste Management Units
264.FF	TSD - Fees for eManifest Program	Standards for Owners and Operators of HW TSDs:

		Fees for the Electronic Hazardous Waste Manifest Program
264.G	TSD - Closure/Post-Closure	Standards for Owners and Operators of HW TSDs: Closure and Post-Closure
264.H	TSD - Financial Requirements	Standards for Owners and Operators of HW TSDs: Financial Requirements
264.I	TSD - Container Use and Management	Standards for Owners and Operators of HW TSDs: Use and Management of Containers
264.J	TSD - Tank System Standards	Standards for Owners and Operators of HW TSDs: Tank Systems
264.K	TSD - Surface Impoundment Standards	Standards for Owners and Operators of HW TSDs: Surface Impoundments
264.L	TSD - Waste Pile Standards	Standards for Owners and Operators of HW TSDs: Waste Piles
264.M	TSD - Land Treatment Standards	Standards for Owners and Operators of HW TSDs: Land Treatment
264.N	TSD - Landfill Standards	Standards for Owners and Operators of HW TSDs: Landfills RCRAInfo V3 Violation
264.O	TSD - Incinerator Standards	Standards for Owners and Operators of HW TSDs: Incinerators
264.S	TSD - Corrective Action for SWMUs	Standards for Owners and Operators of HW TSDs: Special Provisions for Cleanup
264.W	TSD - Drip Pad Standards	Standards for Owners and Operators of HW TSDs: Drip Pads
264.X	TSD - Miscellaneous Unit Standards	Standards for Owners and Operators of HW TSDs: Miscellaneous Units
265.A	TSD IS-General	Interim Status Standards for Owners and Operators of HW TSDs: General
265.AA	TSD IS-Air Emission Standards - Process Vents	Interim Status Standards for Owners and Operators of HW TSDs: Air Emission Standards for Process Vents
265.B	TSD IS-General Facility Standards	Interim Status Standards for Owners and Operators of HW TSDs: General Facility Standards
265.BB	TSD IS-Air Emission Standards - Equipment Leaks	Interim Status Standards for Owners and Operators of HW TSDs: Air Emission Standards for Equipment Leaks
265.C	TSD IS-Preparedness and Prevention	Interim Status Standards for Owners and Operators of HW TSDs: Preparedness and Prevention
265.CC	TSD IS-Air Emission Standards - Tank/SI/Container	Interim Status Standards for Owners and Operators of HW TSDs: Air Emission Standards for Tanks, Surface Impoundments and Containers
265.D	TSD IS-Contingency Plan and Emergency Procedures	Interim Status Standards for Owners and Operators of HW TSDs: Contingency Plan and Emergency Procedures

265.DD	TSD IS-Containment Building Standards	Interim Status Standards for Owners and Operators of HW TSDs: Containment Buildings
265.E	TSD IS-Manifest/Records/Reporting	Interim Status Standards for Owners and Operators of HW TSDs: Manifest System, Recordkeeping and Reporting
265.EE	TSD IS-Munitions/Explosives Storage	Interim Status Standards for Owners and Operators of HW TSDs: HW Munitions and Explosives Storage
265.F	TSD IS-Ground-Water Monitoring	Interim Status Standards for Owners and Operators of HW TSDs: Ground-Water Monitoring
265.FF	TSD IS-Fees for eManifest Program	Interim Status Standards for Owners and Operators of HW TSDs: Fees for the Electronic Hazardous Waste Manifest Program
265.G	TSD IS-Closure/Post-Closure	Interim Status Standards for Owners and Operators of HW TSDs: Closure and Post-Closure
265.H	TSD IS-Financial Requirements	Interim Status Standards for Owners and Operators of HW TSDs: Financial Requirements
265.I	TSD IS-Container Use and Management	Interim Status Standards for Owners and Operators of HW TSDs: Use and Management of Containers
265.J	TSD IS-Tank System Standards	Interim Status Standards for Owners and Operators of HW TSDs: Tank Systems
265.K	TSD IS-Surface Impoundment Standards	Interim Status Standards for Owners and Operators of HW TSDs: Surface Impoundments
265.L	TSD IS-Waste Pile Standards	Interim Status Standards for Owners and Operators of HW TSDs: Waste Piles
265.M	TSD IS-Land Treatment Standards	Interim Status Standards for Owners and Operators of HW TSDs: Land Treatment
265.N	TSD IS-Landfill Standards	Interim Status Standards for Owners and Operators of HW TSDs: Landfills
265.O	TSD IS-Incinerator Standards	Interim Status Standards for Owners and Operators of HW TSDs: Incinerators
265.P	TSD IS-Thermal Treatment	Interim Status Standards for Owners and Operators of HW TSDs: Thermal Treatment
265.Q	TSD IS-Chemical, Physical, AND Treatment	Interim Status Standards for Owners and Operators of HW TSDs: Chemical, Physical and Biological Treatment
265.R	TSD IS-Underground Injection	Interim Status Standards for Owners and Operators of HW TSDs: Underground Injection
265.W	TSD IS-Drip Pad Standards	Interim Status Standards for Owners and Operators of HW TSDs: Drip Pads
266.C	Specific - Use Constituting Disposal	Standards for the Management of Specific HW and Specific Types of HW Management Facilities: Recyclable Materials Used in a Manner Constituting Disposal

266.F	Specific - Precious Metal Recovery	Standards for the Management of Specific HW and Specific Types of HW Management Facilities: Recyclable Materials Utilized for Precious Metal Recovery
266.G	Specific - Batteries Reclaimed	Standards for the Management of Specific HW and Specific Types of HW Management Facilities: Spent Lead-Acid Batteries Being Reclaimed
266.H	Specific - Boilers and Industrial Furnaces	Standards for the Management of Specific HW and Specific Types of HW Management Facilities: Hazardous Waste Burned in Boilers and Industrial Furnaces
266.M	Specific - Military Munitions	Standards for the Management of Specific HW and Specific Types of HW Management Facilities: Military Munitions
266.N	Specific - Mixed Waste Exemption	Standards for the Mgmt of Specific HW and Specific Types of HW Mgmt Facilities: Conditional Exemption for Low-Level Mixed Waste Storage, Treatment, Transportation and Disposal
267.E	Manifest System-Recordkeeping, Rpting, Notifying	Standards for Owners and Operators of HW Facilities Operating Under a Standardized Permit: Manifest System - Recordkeeping, Reporting and Notifying
268.A	LDR - General	Land Disposal Restrictions: General
268.B	LDR - Schedule	Land Disposal Restrictions: Schedule for Land Disposal Prohibition and Establishment of Treatment Standards
268.C	LDR - Prohibitions	Land Disposal Restrictions: Prohibitions on Land Disposal
268.D	LDR - Treatment Standards	Land Disposal Restrictions: Treatment Standards
268.E	LDR - Storage Prohibitions	Land Disposal Restrictions: Prohibitions on Storage
270.A	Permits - General Information	EPA Administered Permit Programs: the HW Permit Program General Information
270.B	Permits - Application	EPA Administered Permit Programs: the HW Permit Program Permit Application
270.C	Permits - Conditions	EPA Administered Permit Programs: the HW Permit Program Permit Conditions
270.D	Permits - Changes	EPA Administered Permit Programs: the HW Permit Program Changes to Permits
270.F	Permits - Special Forms	EPA Administered Permit Programs: the HW Permit Program Special Forms of Permits
270.G	Permits - Interim Status	EPA Administered Permit Programs: the HW Permit Program Interim Status
270.H	Permits - Remedial Action Plans	EPA Administered Permit Programs: the HW Permit Program Remedial Action Plans (RAPs)
270.I	Permits - MACT Standards	EPA Administered Permit Programs: the HW

		Permit Program Integration with Maximum Achievable Control Technology (MACT) Standards
271.A	State Authorization Requirements	Requirements for Authorization of State HW Program: Requirements for Final Authuthorization
273.A	Universal Waste - General	Standards for Universal Waste Management: General
273.B	Universal Waste - Small Quantity Handlers	Standards for Universal Waste Management: Standards for Small Quantity Handlers
273.C	Universal Waste - Large Quantity Handlers	Standards for Universal Waste Management: Standards for Large Quantity Handlers
273.D	Universal Waste - Transporters	Standards for Universal Waste Management: Standards for Transporters
273.E	Universal Waste - Destination Facilities	Standards for Universal Waste Management: Standards for Destination Facilities
273.F	Universal Waste - Import Requirements	Standards for Universal Waste Management: Import Requirements
273.G	Universal Waste - Petitions to Include Other Waste	Standards for Universal Waste Management: Petitions to Include Other Wastes Under 40 CFR Part 273
279.A	Used Oil - Definitions	Standards for the Management of Used Oil: Definitions
279.B	Used Oil - Applicability	Standards for the Management of Used Oil: Applicability
279.C	Used Oil - Generators	Standards for Used Oil: Generators
279.D	Used Oil - Collection Centers / Aggregation Point	Standards for Used Oil: Collection Centers and Aggregation Points
279.E	Used Oil - Transporter and Transfer Facility	Standards for Used Oil: Transporter and Transfer Facilities
279.F	Used Oil - Processors and Re-refiners	Standards for Used Oi:l Processors and Re-Refiners
279.G	Used Oil - Burners of Off-Spec for Energy Recovery	Standards for Used Oil: Burners Who Burn Off-Specification Used Oil for Energy Recovery
279.H	Used Oil - Fuel Marketers	Standards for Used Oil: Fuel Marketers
279.I	Used Oil - Dust Suppressant and Disposal	Standards for Used Oil: Standards for Use as a Dust Suppressant and Disposal of Used Oil
FEA	Formal Enforcement Agreement or Order	Violation of a formal enforcement agreement or order. (3008(a) or 3013)
FSS	Federal or State Statute	Violation of a Federal or State Statute
PCR	Permit Condition or Requirement	Violation of a permit condition or requirement
XXS	State Statute or Regulation	State Statutory or Regulatory requirements that are broader-in-scope than the federal RCRA requirements

LEGACY VALUES

Code	Name	Description
262.34(a)	Generators - General	Standards Applicable to Generators of HW: General
262.G	Generators - Farmers	Standards Applicable to Generators of HW: Farmers
266.O	Specific - US Filter Recovery Services XL Waste	Standards for the Mgmt of Specific HW and Specific Types of HW Mgmt Facilities: Standards Applicable to U.S. Filter Recovery Services XL Waste and U.S. Filter Recovery Services
270.E	Permits - Expiration and Continuation	EPA Administered Permit Programs: the HW Permit Program Expiration and Continuation of Permits

Corrective Action

NATIONALLY-DEFINED VALUES - AUTHORITY

Code	Name	Description
A	Consent Order	An order issued by the Agency that is negotiated with a respondent. The terms of the order are discussed and agreed upon by both EPA and the respondent before the order is signed. A Consent Order has the same effect as a Unilateral Order, and therefore, any violation of a Consent Order will result in an enforcement action.
C	Consent Decree	
D	Judicial Decree	An order by the court to undertake some activity or pay a fine to the government for violating RCRA and/or its regulation. It is not the result of an administrative action. A judge may either approve a settlement proposed by the parties, or he/she can impose his/her own remedy.
H	HSWA-Only Permit	
I	Interim Status	
J	Judicial Order	
M	Permit Modification	
N	Order Modification	
O	Operating Permit	
P	Post-Closure Permit	
S	State Analogous	Actions implemented using a State non-RCRA/HSWA analogous authority.
U	Unilateral Order	
V	Voluntary CA	
X	Agency Policy / Procedure	
Z	Other	

NATIONALLY-DEFINED VALUES - CORRECTIVE ACTION EVENT

Code	Name	Description	Additional Information
CA010	RFA Initiation	The event by which the State or EPA starts to conduct an RFA.	• Nationally Required - No • Schedule Date - Date upon which a full or partial RFA is scheduled to be initated by an agency • Actual Date - Date upon which a full or partial RFA is initiated by an agency as indicated on the first page of standardized reporting forms within the RFA document
CA050	RFA Completed	The event by which the RFA is completed.	• Initiating Source - Document with results of the RFA that determine if there is a release or potential for release for the entire facility • Nationally Required - Yes • Schedule Date - Date is scheduled to approve the result of the RFA • Actual Date - The date upon which there is enough information to determine if there is a release or potential for release for the entire facility.
CA060	Notice of Contamination	Receipt by the Agency of written notification that contamination has been discovered at the RCRA facility and that the RCRA facility has notified all persons potentially impacted by the release of hazardous constituents.	• Initiating Source - Facility submission • Nationally Required - No • Schedule Date - Projected date of receipt by the Agency of written notification that contamination has been discovered at the RCRA facility • Actual Date - Date of receipt by the Agency of written notification that contamination has been discovered at the RCRA facility
CA070	Determination of Need for an Investigation	This event indicates whether an investigation is necessary to analyze the extent of contamination at this facility. An investigation is usually necessary when, after the initial assessment, there is evidence or	• Initiating Source - Regional or State determination upon review of an initial facility assessment • Nationally Required - No

		the likelihood of contamination release which poses a current or potential threat to human health and/or the environment. **Status Codes** (required) • NO - Further investigation is not needed or an investigation will not be needed at this site because remediation is not necessary. • YE - Further investigation is necessary.	
CA075	CA Prioritization	This event indicates that a facility or area has been prioritized using the National Corrective Action Prioritization System (NCAPS) or an equivalent system which has been approved by EPA Headquarters. **Status Codes** (required) • HI - The facility or area was	• Initiating Source - The prioritization system results • Nationally Required - Yes • Schedule Date - Date prioritization is planned to be completed • Actual Date - Date the facility has been given a priority through the use of NCAPS • Guidance - EPA originally intended the NCAPS ranking to be a facility level ranking, but some Regions and States have found it useful to rank areas as well. Ranking for areas within a facility is not required. The corrective action program will count a facility as High NCAPS priority if one or more areas at the facility have a High NCAPS ranking as the most current ranking. The most recent NCAPS ranking, by date, will be used for facility level data pulls.

		assigned a high corrective action priority. • LO - The facility or area was assigned a low corrective action priority. • ME - The faiclity or area was assigned a medium corrective action priority.	
CA100	Investigation Imposition	The event by which the State or EPA imposes an obligation upon the owner/operator of a facility regulated by RCRA or the equivalent state law to conduct an investigation into the nature and extent of contamination at a facility.	• Initiating Source - Written notification by the State or EPA that an investigation is required • Nationally Required - Yes • Schedule Date - Date the State or EPA is expected to issue the enforcement order, permit or permit modification, voluntary instrument, or other written document • Actual Date - Date the State or EPA issues the enforcement order, permit or permit modification, voluntary instrument, or other written document.
CA110	Investigation Workplan Received	The event by which a RCRA facility submits an investigation workplan to the State or EPA.	• Initiating Source - Facility submission • Nationally Required - No • Schedule Date - Date in the permit or order condition • Actual Date - Date the investigation workplan is received by the State or EPA
CA120	Investigation Workplan Modification Requested by Agency	The event by which the State or EPA requests that the RCRA facility modify its investigation workplan.	• Initiating Source - Letter from the State or EPA to the facility • Nationally Required - No • Schedule Date - Projected date of letter • Actual Date - Date of letter

CA140	Investigation Workplan Notice of Deficiency Issued	The event by which the State or EPA issues a Notice of Deficiency to the handler citing deficiencies in the proposed investigation workplan.	• Initiating Source - Notice of Deficiency from the EPA or State to the faciltiy • Nationally Required - No • Schedule Date - Data the Notice of Deficiency is scheduled to be sent to the handler • Actual Date - Date of the Notice of Deficiency
CA150	Investigation Workplan Approved	The event by which the State or EPA approves the investigation workplan submitted by the RCRA facility.	• Initiating Source - Approval by the State or EPA of the investigation plan prepared by a facility in response to an order, permit, or permit modification with a schedule of compliance imposing an investigation obligation upon the faciltiy • Nationally Required - No • Schedule Date - Date the approval is expected • Actual Date - Date of the approval
CA155	Investigation Supplemental Information Requested by Agency	The event by which the State or EPA requests information from the RCRA facility to modify, expand, amend, reexamine, or otherwise revisit the workplan which had previously been approved but the report generated in not yet sufficient.	• Nationally Required - No
CA160	Investigation Supplemental Information Received	The event by which the RCRA facility submits supplemental investigation information.	• Initiating Source - Facility submission • Nationally Required - No • Schedule Date - Date in the permit or order condition, permit or order modification, or letter from the State or EPA requesting supplemental information • Actual Date - Date investigation supplemental information is received by the State or EPA
CA170	Investigation Supplemental Information Deemed Satisfactory	The event by which the State or EPA formally approves the investigation supplemental information.	• Initiating Source - Letter from the State or EPA approving the investigation supplemental information prepared by the facility • Nationally Required - No • Schedule Date - Date the approval is expected • Actual Date - Date the approval is granted
CA180	Investigation	The event by which	• Initiating Source - Notification to the State or EPA by the

	Implementation Begun	the RCRA facility committed to begin any implementation in its Agency approved investigation workplan.	facility, or an on-site observation by the State or EPA • Nationally Required - No • Schedule Date - Date in the order or permit condition, or date the facility is expected to begin implementation • Actual Date - Date of the notification or observation
CA190	Investigation Report Received	The event by which a RCRA facility submits a written summary of the results of the approved investigation workplan.	• Initiating Source - Report • Nationally Required - No • Schedule Date - Date in the permit or order condition, or date the facility is expected to submit the report • Actual Date - Date the report is received by the State or EPA
CA195	Investigation Progress Reports Received	Receipt of reports submitted by the RCRA facility to the State or EPA during execution of the approved investigation workplan.	• Initiating Source - Report • Nationally Required - No • Schedule Date - Date in the permit or order condition(s) • Actual Date - Date the report(s) are received by the State or EPA
CA200	Investigation Complete	The event by which the State or EPA determines that the facility investigation is sufficient to support either a "No Further Action" determination or a Remedy Decision.	• Initiating Source - Written notification from the State or EPA notifying the facility of the determination • Nationally Required - No • Schedule Date - Date the State or EPA is expected to issue the determination • Actual Date - Date the State or EPA issues the determination
CA210	CA Responsibility Referred to a Non-RCRA Authority	The facility or area has been referred to CERCLA or some other non-RCRA authority. **Status Codes** (required) • OT - Corrective action at the facility or area is referred to another non-	• Nationally Required - Yes • Actual Date - Date the Agency determines that corrective action at the facility or area has been referred to CERCLA or some other non-RCRA authority • Guidance - The national RCRA CA program does not expect to continue keeping track of the remedial events that have been completed once a facility has been referred to Superfund. That is not to say that the RCRA program would lack the authority to go back to a RCRA facility that had been addressed under CERCLA and request additional work. However, as a matter of program policy, once a facility is referred to CERCLA, we would not actively monitor the progress of the facility and would not expect the facility to "return" to RCRA, barring some unforeseen event. This event should not be used for facilities that are only receiving an initial

		RCRA authority. • SF - Corrective action at the facility or area is referred to CERCLA.	assessment from the Superfund program, and are expected to return to the RCRA program for the facility investigation and facility remediation steps. However, if a RCRA facility, such as one that has converted to less than 90-day storage, has, as a matter of national policy, been deferred to the Superfund program and if, in the case specific circumstance, the Region or authorized state has clearly transferred this facility to the Superfund queue, then the "Referred to a Non-RCRA Authority" event could be entered for this facility.
CA225	Stabilization Measures Evaluation	This event indicates that the feasibility and appropriateness of stabilization activities at this facility have been evaluated. **<u>Status Codes</u>** (required) • IN - The facility is not amenable to stabilization activity because of a lack of technical data. An evaluation has been completed, but further data is necessary to determine stabilization measures, feasibility or appropriateness. • NF - The facility is not amenable to stabilization	• Initiating Source - The completed National Corrective Action Stabilization Questionnaire or similar review • Nationally Required - No • Schedule Date - Date the facility is expected to be evaluated for stabilization measure • Actual Date - Date the completed National Corrective Action Stabilization Questionnaire or documentation of a similar review is entered into the facility file • Guidance - This evaluation should be completed using the National Corrective Action Stabilization Questionnaire or a similar type of evaluation which asks the same range of questions. A status code should be entered for the areas covered by each evaluation. Stabilizations can be entered for the entire facility, or for certain areas at the facility.

		activity at the present time, because it appears to be technically infeasible or inappropriate. • NR - The facility is not amenable to stabilization activity at the present time for reasons other than 1) it appears to be technically infeasible or inappropriate (NF); or 2) there is a lack of technical information (IN). Reasons for this conclusion may be the status of closure at the facility, the degree of risk, timing considerations, the status of corrective action work at the facility, or	

		other administrative considerations. • YE - The facility is amenable to stabilization activity based on the status of the corrective action work at the facility, technical factors, the degree of risk, timing considerations, and administrative considerations.	
CA250	CMS Imposition	The event by which the State or EPA formally imposes the obligation upon a RCRA facility to perform a Corrective Measures Study (CMS).	• Initiating Source - Compliance schedule or permit schedule of compliance • Nationally Required - No • Schedule Date - Date the State or EPA is expected to impose the CMS requirement • Actual Date - Date the State or EPA imposes the CMS requirement
CA260	CMS Workplan Received	The event by which a RCRA facility submits a CMS workplan to the State or EPA.	• Initiating Source - Facility submission • Nationally Required - No • Schedule Date - Due date in the permit or order condition • Actual Date - Date the CMS workplan is received by the State or EPA
CA270	CMS Workplan Modification Requested by Agency	The event by which the State or EPA requests that the RCRA facility modify its CMS workplan.	• Initiating Source - Letter from the State or EPA • Nationally Required - No • Actual Date - Date of the letter

CA300	CMS Workplan Approved	The event by which the State or EPA approves the CMS plan submitted by the RCRA facility.	• Initiating Source - State or EPA approval of the CMS • Nationally Required - No • Schedule Date - Date the State or EPA is expected to approve the workplan • Actual Date - Date the State or EPA approves the workplan
CA305	CMS Supplemental Information Requested by Agency	The event by which the State or EPA requests the RCRA facility to modify, amend, revisit, reexamine, or re-conduct its approved CMS.	• Nationally Required - No
CA310	CMS Supplemental Information Received	The event by which the RCRA facility submits an amendment, modification, clarification, or other supplemental information regarding the CMS.	• Initiating Source - Facility submission • Nationally Required - No
CA320	CMS Supplemental Information Deemed Satisfactory	The event by which the State or EPA approves the CMS supplemental information.	• Initiating Source - State or EPA Approval of the CMS supplemental information • Nationally Required - No • Schedule Date - Date the State or EPA is expected to approve the CMS supplemental information • Actual Date - Date the State or EPA approves the CMS supplemental information
CA330	CMS Implementation Begun	The event by which a RCRA facility committed to any implementation in its agency approved CMS workplan.	• Initiating Source - Notification to the State or EPA by the facility or on-site observation by State or EPA • Nationally Required - No • Schedule Date - Date the facility is expected to begin implementation • Actual Date - Date the facility begins implementation
CA340	CMS Report Received	The event by which a RCRA facility submits a written summary of the results of the approved CMS workplan.	• Initiating Source - Report • Nationally Required - No • Schedule Date - Date in the permit or order condition, or date facility is expected to submit the report • Actual Date - Date the report is received by the State or EPA

CA345	CMS Progress Reports Received	Receipt of reports submitted by the RCRA facility to the State or EPA during execution of the approved CMS workplan.	• Initiating Source - Report • Nationally Required - No • Schedule Date - Date in the permit or order conditions • Actual Date - Dates reports are received by the State or EPA
CA350	CMS Complete	The event by which the State or EPA determines the CMS to be sufficient to support a Remedy Decision.	• Initiating Source - Written notification from the State or EPA notifying the facility of the determination • Nationally Required - No • Schedule Date - Date the State or EPA is expected to make the determination • Actual Date - Date the State or EPA makes the determination
CA370	Petition for No Further Action Receipt Date	Receipt by the Agency of a permit modification requested by the RCRA facility to eliminate any remaining corrective action steps which are included as conditions in the RCRA facility's permit.	• Nationally Required - No
CA375	Interim Decision for No Further Action	The event by which the State or EPA makes an initial determination that no further action for a facility or an area within the facility is necessary.	• Nationally Required - No • Schedule Date - Date the determination is expected to be made by the State or EPA • Actual Date - Date the determination is made by the State or EPA • Guidance - A formal "No Further Action" determination is part of a Remedy Decision indicated by CA400.
CA380	Date for Public Notice on Proposed Remedy	The event by which the State or EPA provides nmotice to the public that a proposed remedy has been tentatively selected for a RCRA facility.	• Nationally Required - No • Schedule Date - Date the public comment period is expected to begin • Actual Date - Date the public comment period begins
CA400	Remedy Decision	The event by which the State or EPA formally selects a remedy designed to	• Initiating Source - A Remedy Decision and Response to Comments or other appropriate decision document that provides a description of the remedy. May be associated with a permit, administrative order, or other agreement

		meet RCRA Corrective Action long-term goals of protection of human health and the environment. This event code also applies when no further corrective action is required because stabilization measure(s) have already been implemented or because the site characterization has demonstrated the attainment of the long-term RCRA Corrective Action goals.	(including modification of existing instruments) to implement a final remedy • Nationally Required - Yes • Schedule Date - Date the State or EPA decision maker is expected to sign the Remedy Decision and Response to Comments or other appropriate document • Actual Date - Date the EPA or State decision maker signs the Remeday Decision and Response to Comments or other appropriate document
CA450	Corrective Measures Design Approved	The event by which the State or EPA formally notifies the RCRA facility that the design of the corrective measure is acceptable.	• Nationally Required - Yes • Schedule Date - Date the Director is expected to sign approval of the corrective measures design • Actual Date - Date the permit, permit modification or enforcement order containing the corrective measures design is issued or the date the Director signs a letter to the facility owner/operator approving the corrective measures design prepared in response to the schedule of compliance in a permit, permit modification, or enforcement order
CA500	CMI Workplan Approved	The event by which the State or EPA approves the Corrective Measure Implementation Plan.	• Nationally Required - No • Schedule Date - Date the State or EPA expects to approve the plan • Actual Date - Date the State or EPA approves the plan
CA510	Determination of Technical Impracticability	The event by which the State or EPA formally notifies the RCRA facility that the selected remedy cannot be accomplished because it is technically	• Nationally Required - No

		impracticable.	
CA550	Remedy Construction	The event when the State or EPA acknowledges where no remedy is constructed. This event code applies when the Remedy Decision and Response to Comments or other appropriate decision document indicates that no physical construction of a remedy has been needed since site characterization activities began or no construction is necessary beyond what has been implemented prior to the remedy decision as in the case of stabilization measures. **Status Codes** (required) • NR - No Remedy Constructed. Applies on the actual date of the CA400 - Remedy Decision if no physical construction of a remedy has been needed since site characterizat	• Initiating Source - A Remedy Decision and Response to Comments or other appropriate decision document indicating that no further physical construction of a remedy is needed • Nationally Required - Yes • Schedule Date -(NR) Scheduled date for the remedy decision if no further physical construction of a remedy is expected to be needed; (OF) Date the State or EPA is expected to acknowledge, in writing, that the criteria for remedy deferral in operating areas at the facility have been satisfied; (RC) Date the State or EPA is expected to acknowledge, in writing, that any necessary physical construction of the last corrective measure is complete and all remedial systems are fully functional as designed, whether or not final cleanup levels or other requirements have been achieved • Actual Date - (NR) Date for the remedy decision if no further physical construction of a remedy is needed; (OF) Date the State or EPA approves, in writing, that the criteria for remedy deferral in operating areas at the facility have been satisfied; (RC) Date the State or EPA acknowledges, in writing, that any necessary physical construction of the last corrective measure is complete and all remedial systems are fully functional as designed, whether or not final cleanup levels or other requirements have been achieved • Guidance - 1) The Remedy Construction measure is an important milestone of Corrective Action progress designed to measure the progress of remedy implementation. The measure Remedy Completion with or without Controls (CA900) is intended to be used to indicate the true status of completion at RCRA Corrective Action facilities. 2) Stabilization measures implemented prior to the Remedy Decision should be recorded under CA600 and CA650. 3) Remedy deferrals must have a substantive technical basis and should only be used in very limited circumstances such as where implementation of the final remedy would cause undue interruption o f a critical process or destruction of an integral portion of the subject operating area(s). 4) The Responsible Agency should also enter a CA555 event code with either a projected date or actual date to be linked to the same area(s) upon entry of a CA550OF event code; 5) Tracking of SWMU CA at the individual area level is encouraged, but not required, to implement the CA550OF code. Though it is necessary to individually

		ion activities began. • OF - Operating Facility / Remedy Deffered. Applies to each operating area at the facility that has been deferred. It applies on the actual date the agency approves the facility's demonstration that the above criteria have been met for the deferred operating area(s). This status code also applies to the entire facility when all non-operating areas and all non-deferred operating areas have a CA550NR or CA550RC event code, AND all deferred operating areas have a CA550OF	identify and track deferred CA550OF areas from non-deferred and non-operating areas, implementers may continue to group areas consistent with agency data management policies and procedures.

		code. When applied to the entire facility, the actual date of the CA550OF event code should be the later of the last CA550NR/RC or CA550OF event code which is linked to an individual area or group of areas. • RC -Remedy Construction. Applies after the actual date of the CA400 - Remedy Decision when either: 1) all necessary physical construction of the last corrective measure has been completed and all remedial systems are fully functional as designed, whether or not final cleanup	

		levels or other requirements have been achieved, or 2) if all necessary physical construction of all remedial systems is fully functional as designed as a result of stabilization measures implemented prior to the actual date of the CA400 - Remedy Decision whether or not final cleanup levels or other requirements have been achieved.	
CA555	Remedy Construction Deferral Expiration	The event to document the expiration date of the deferral of final remedy construction in specified operating areas at the facility. The CA550OF deferral is only for a specified period of time and shall not extend beyond the active	• Initiating Source - 1) The State or EPA approval, in writing, that the criteria for remedy deferral in an operating area(s) at the facility has been approved for a specified period of time; 2) The State or EPA decision document terminating a remedy deferral at the facility, e.g. a permit mod or enforcement action; 3) Correspondence from the facility documenting that the criteria for remedy deferral no longer apply, e.g., the process or integral component is no longer operating, or the criteria for the remedy deferral as specified for the CA550OF status code are no longer satisfied • Nationally Required - Yes • Schedule Date - Date the remedy deferral in an operating

		life of the critical process or integral component in the deferred operating area(s) that is the basis for the deferral.	area(s) at the facility is expected to be terminated • Actual Date - Date the remedy deferral in an operating area(s) at the facility has been terminated • Guidance - When construction of the final remedy has been deferred at the facility level (e.g. CA550OF is linked to the 'Entire Facility' area), this event should also be linked to the 'Entire Facility' area. When construction of the final remedy has been deferred for only specific portions of the RCRA facility, this event should be linked to the specific areas affected by the control or controls. If there are more than one remedy deferrals for a facility which may have different expiration dates (e.g., multiple operating process areas which may cease operating at different times), then a separate CA555 event code should be entered for each such area. The projected end date of the remedy deferral for a specific area should be based on the reasonably anticipated duration of the conditions necessitating the deferral, but shall not extend beyond the reasonably anticipated active life of the critical process or integral component in the operating area(s) that is the basis for the deferral. The projected end date of the remedy deferral for an entire facility area should be set as the latest projected end date of the individual areas to which a CA550OF event code is linked. In the event that the critical process or integral component is discontinued, any necessary supplemental investigation must be completed and the final remedy constructed/implemented. If the critical process or integral component is shut-down for major repairs or renovations, or is replaced by another component, any necessary supplemental investigation should be completed and the final remedy constructed/implemented during the shut-down or changeover to the replacement process/component, if practicable.
CA600	Stabilization/Interim Measures Decision	EPA's or the State's notification or written acknowledgement to the RCRA facility that a stabilization activity or activities are required or otherwise being	• Initiating Source - Enforcement order, order modification, permit, permit modification, similar enforceable state authority requiring the facility to undertake stabilization activity, or written acknowledgement from the State or EPA that stabilization activity is being undertaken • Nationally Required - No • Schedule Date - Date the State or EPA is expected to sign the final order, order modification, permit, permit

		undertaken. The notification mechanism could be an enforcement order, order modification, permit, or permit modification or similar enforceable state authority requiring the facility to undertake stabilization activity; it may also take the form of a written acknowledgement from EPA or the State that stabilization activity is being undertaken. The notification or acknowledgement must contain written stabilization objectives, goals, performance standards, or desired results. The stabilization activity must control or abate threats to human health and/or the environment from releases, and/or prevent or minimize the further spread of contamination. Facility initiated stabilizations/interim measures shall also be tracked with this event code. **<u>Status Codes</u>** (not required)	modification, or written acknowledgement • Actual Date - Date the State or EPA signs the final order, order modification, permit, permit modification, or written acknowledgement

		• EC - Primary measure is exposure control by barrier and/or institutional control (e.g., capping, fencing, deed restrictions) • GW - Primary measure is groundwater extraction and treatment (e.g., to achieve groundwater containment, to achieve MCL) • OT - Primary measure is other activity • SR - Primary measure is source removal and/or treatment (e.g., soil or waste excavation, in-situ soil treatment, off-site treatment)	
CA650	Stabilization Construction Completed	The event by which the State or EPA formally notifies the RCRA facility that the	• Initiating Source - Letter from the EPA or the State to the facility or an internal written memorandum acknowledging stabilization completion and/or construction completion - conducted through a final

		interim measures undertaken have been completed to the satisfaction of the Agency; and/or the event by which the State or EPA formally notifies the RCRA facility that stabilization objectives have been met, but require continued operation and maintenance to maintain this level of performance. **Status Codes** (not required) • EC - Primary measure is exposure control by barrier and/or institutional control (e.g., capping, fencing, deed restrictions) • GW - Primary measure is groundwater extraction and treatment (e.g., to achieve groundwater containment, to achieve MCL) • OT - Primary measure is	order, order modification, permit, permit modification, or written acknowledgement that the activity has occurred from EPA or the State • Nationally Required - No • Schedule Date - Date the activity is expected to be completed • Actual Date - Date the activity is completed • Guidance - It was recommended that the corrective action program take credit nationally for stabilization efforts that are clearly completed, such as excavations, but also for those efforts that are performing to meet the Agency's stabilization objectives, yet require continued operation and maintenance to maintain this level of performance. The definition for CA650 incorporates these concepts. The definition allows "credit" once EPA or the State provides a written determination that the stabilization activity at a facility is completed in a manner that meets the stabilization objectives, goals, performance standards, or desired results. For example, an excavation is completed once the contaminated material has been removed in accordance with the objective of the stabilization measure. An additional example is a groundwater stabilization measure in which a pump and treat system has been constructed and is operating in a manner which achieves the stabilization objective even though continued operation and maintenance is necessary to maintain this level of performance. The status codes for this event provide information on the types of stabilization actions that are being implemented. This information is routinely requested in Congressional inquiries and will be helpful to Headquarters in characterizing national implementation efforts.

		other activity • SR - Primary measure is source removal and/or treatment (e.g., soil or waste excavation, in-situ soil treatment, off-site treatment)	
CA725	Current Human Exposures Under Control Determination	The event by which the State or EPA completes and Environmental Indicators (EI) Evaluation verifying that the current human exposures are under control in accordance with guidance from EPA Headquarters. EI evaluations are performed on a facility-wide basis. Therefore, this event should only be linked to the entire facility and not to specific areas. **Status Codes** (required) • IN - More information is needed to make a determinatio n	• Initiating Source - Documentation of Environmental Indicator Determination form signed by preparer and his/her supervisor. Signed hard copies of the form should reside in the administrative file for the facility. These forms should also be kept in electronic format that can be posted on an "EI database" web site developed by the Office of Solid Waste. The web site for completed forms is currently under development. Blank EI guidance forms are available at http://www.epa.gov/epaoswer/hazwaste/ca/eis.htm • Nationally Required - Yes • Schedule Date - Date this event is anticipated • Actual Date - Date that the EPA or State documents that the facility has achieved the event, or that the event determination is no longer applicable • Guidance - Effective 2/5/1999 per revised program guidance: Status codes NC and NA should no longer be used. Previously entered NC or NA status codes should be updated, but may remain in the database until they are replaced by more recent codes. Implementers should consult the most recent EI guidance for performing an EI evaluation prior to entering this event code. EI guidance forms are available for downloading at http://www.epa.gov/epaoswer/hazwaste/ca/eis.htm

		• NO - Current human exposures are NOT under control • YE - Current human exposures under control has been verified. Based on a review of information contained in the EI determination, current human exposures are expected to be under control at the facility under current and reasonably expected conditions. This determination will be reevaluated when the Agency/State becomes aware of significant changes at the facility.	
CA750	Groundwater Releases Controlled Determination	The event by which the State or EPA completes an Environmental	• Initiating Source - Documentation of Environmental Indicator Determination form signed by preparer and his/her supervisor. Signed hard copies of the forms should reside in the administrative file for the facility.

		Indicators (EI) Evaluation verifying that the migration of contaminated groundwater is under control in accordance with guidance from EPA Headquarters. EI evaluations are performed on a facility-wide basis. Therefore, this event should only be linked to the entire facility and not to specific areas. **Status Codes** (required) • IN - More information is needed to make a determination • NO - Unacceptable migration of contaminated groundwater is observed or expected • YE - Migration of contaminated groundwater under control has been verified. Based on a review of	These forms should also be kept in electronic format that can be posted on an "EI database" web site developed by the Office of Solid Waste. The web site for completed forms is currently under development. However, blank EI guidance forms are available for downloading at http://www.epa.gov/epaoswer/hazwaste/ca/eis.htm. • Nationally Required - Yes • Schedule Date - Date this event is anticipated • Actual Date - Date that the EPA or State documents that the facility has achieved the event, or that the event documentation is no longer applicable • Guidance - Effective 2/5/1999 per revised program guidance: The status codes NA and NR should no longer be used. Previously entered NA an NR status codes should be updated, but may remain in the database until they are replaced by more recent codes. Implementers should consult the most recent EI guidance for performing an EI evaluation prior to entering this event code. EI guidance forms are available for downloading at http://www.epa.gov/epaoswer/hazwaste/ca/eis.htm

		information contained in the EI determination, it has been determined that migration of contaminated groundwater is under control at the facility. Specifically, this determination indicates that the migration of contaminated groundwater is under control, and that monitoring will be conducted to confirm that contaminated groundwater remains within the existing area of contaminated groundwater. This determination will be re-evaluated when the	

		Agency becomes aware of significant changes at the facility.	
CA770	Engineering Controls Established	This event signifies the establishment of engineering controls (ECs) as part of, or to augment, an interim or final corrective action. ECs consist of engineering measures (e.g, caps, treatment systems, etc.) designed to minimize the potential for human exposure to contamination by either limiting direct contact with contaminated areas or controlling migration of contaminants through environmental media. This event should also be entered when ECs are established for regulated units undergoing closure and/or post-closure care, including engineering controls required under 40 CFR 264 and 265. **Status Codes** (required)	• Nationally Required - Yes • Schedule Date - Date ECs are projected to be fully constructed and operational • Actual Date - Date ECs are fully constructed and operational • Notes - Indicate location where additional information concerning the specific control can be accessed (e.g., responsible agency contact information, website address, etc.). • Guidance - When ECs are established at the facility level (e.g., site security), this event should be linked to the "entire facility" area. When ECs are established and affect only portions of the RCRA facility, this event should be linked to the specific area affected by the control. For further guidance with respect to ECs, refer to the latest One Cleanup Program guidance (OSWER 9355.0- 74FS-P). This document can be found at http://www.epa.gov/superfund/resources/institut/guide.pdf

		• GW - Groundwater control which includes any EC pertaining to groundwater, including in situ and ex situ treatment like bioremediation, in situ permeable reactor barriers, monitored natural attenuation (MNA), longterm monitoring, etc. • NG - Non-groundwater controls referring to any control not related to groundwater, such as barriers or caps.	
CA772	Institutional Controls Established	This event signifies the establishment of institutional controls (ICs) as part of, or to augment, an interim or final corrective action. ICs are defined as non-engineered and/or legal controls that	• Nationally Required - Yes • Schedule Date - Date ICs are projected to be fully implemented and effective • Actual Date - Date ICs are fully implemented and effective • Notes - Indicate location where additional information concerning the specific control can be accessed (e.g., responsible agency contact information, website address, etc.). • Guidance - When ICs are established at the facility level

		minimize the potential for human exposure to contamination by limiting land or resource use. This event should also be entered when ICs are established for regulated units undergoing closure and/or post-closure care, including notices to deed and survey plats required under Sub-part G of 40 CFR 264. **Status Codes** (required) • EP - Enforcement and permit tools which includes permits, orders, or other enforceable agreements. • GC - Governmental control is implemented and enforced by State or local governments. It excludes permits, orders, and other enforceable agreements.	(e.g., site security), this event should be linked to the "entire facility" area. When ICs are established and affect only portions of the RCRA facility, this event should be linked to the specific areas affected by the control. For further guidance with respect to ICs, refer to the latest One Cleanup Program guidance (OSWER 9355.0- 74FS-P). This document can be found at http://www.epa.gov/superfund/resources/institut/guide.pdf.

		• ID - Information devices including information or notification of contamination present at the property. • PR - Proprietary control relies on legal instruments placed in the chain of title for the property.	
CA780	Engineering Controls Terminated	This event significies that the engineering control is no longer required to protect human health and the environment. Use this code where a CA770 [Engineering Controls (ECs) Established] was entered and the control(s) subsequently terminated. **Status Codes** (required) • GW - The control is related to groundwater such as situ and ex situ	• Initiating Source - Enter this code upon completion of required activities and approval by the State / EPA of the decision document required to terminate controls at the facility. This decision document would be the mechanism put in place by the State / EPA to terminate the controls, e.g. a permit mod • Nationally Required - Yes • Scheduled Date - Date EC is scheduled to be terminated • Actual Date - Date EC is terminated • Notes - Indicate location where additional information concerning the specific control can be accessed (e.g. responsible agency contact information, web site address, etc.). Indicate any specifics about the control termination • Guidance - When ECs were established at the facility level (e.g. site security), this event should be linked to the 'entire facility' Area. When ECs were established and affect only portions of the RCRA facility, this event should be linked to the specific areas affected by the control or controls. If both groundwater and non-groundwater controls exist for a particular area, enter an event code for each control. For further guidance with respect to ICs and/or ECs refer to the latest One Cleanup Program guide (OSWER 9355.0-74FS-P). This document can be found at

		treatment like bioremediation, in situ permeable reactor barriers, monitored natural attenuation (MNA), long term monitoring, etc. • NG - The control is not related to groundwater such as barriers or caps.	http://www.epa.gov/superfund/resources/institut/guide.pdf
CA782	Institutional Controls Terminated	This event signifies that the institutional control is no longer required to protect human health and the environment. Use this code where a CA772 [Institutional Controls (ICs) Established] was entered and the control(s) subsequently terminated. **<u>Status Codes</u>** (required) • EP - Includes permits, orders, or other enforceable agreements.	• Initiating Source - Enter this code upon completion of required activities and approval by the State / EPA of the decision document required to terminate controls at the facility. This decision document would be the mechanism put in place by the State / EPA to terminate the controls, e.g. a permit mod • Nationally Required - Yes • Scheduled Date - Date IC is scheduled to be terminated • Actual Date - Date IC is terminated • Notes - Indicate location where additional information concerning the specific control can be accessed (e.g. responsible agency contact information, web site address, etc.). Indicate any specifics about the control termination • Guidance - When ICs are established at the facility level (e.g. site security), this event should be linked to the 'entire facility' Area. When ICs are established and affect only portions of the RCRA facility, this event should be linked to the specific areas affected by the control or controls. If more than one control exists for a particular area, enter an event code for each control. For further guidance with respect to ICs and/or ECs refer to the latest One Cleanup Program guide (OSWER 9355.0-74FS-P). This document can be found at http://www.epa.gov/superfund/resources/institut/guide

		• GC - Implemented and enforced by State or local governments; excludes permits, orders and other enforceable agreements. • ID -Includes information or notification of contamination present at property. • PR - Relies on legal instruments placed in the chain of title for the property	.pdf
CA800	Ready for Anticipated Use	The event by which the State or EPA makes an RAU determination and completes an RAU form. The form notes that the RCRA facility, or designated portion of the facility, has met all of the following Ready for Anticipated Use Criteria outlined in the Cross-Program Revitalization Measures (CPRM) Guidance:	• Initiating Source - State or EPA RAU form completed, signed, and submitted to the file. The form indicates that each of the RAU criteria have been met, and whether the RAU determination is for specific areas or the entire facility. • Nationally Required - Yes • Actual Date - The date the State or EPA completes and signs the RAU form acknowledging, in writing, that the facility or facility area, has met the RAU criteria • Guidance - The Ready for Anticipated Use measure is an important aspect of a RCRA Corrective Action cleanup as it communicates that a facility or facility area is safe and ready for its next anticipated use. RCRA Corrective Action facilities that have achieved a CA999-Corrective Action Process Terminated determination have probably met the RAU criteria. Before an RAU determination is made for these facilities, however, the facility and/or the overseeing agency must verify that institutional controls are either unnecessary or are in place and effective. Prior

		1. The facility or facility area has met the Human Exposures Environmental Indicator (CA725YE), and the event has been entered into RCRAInfo; 2. Cleanup goals have been achieved for media that may affect current and reasonably anticipated future land uses of the facility so that there are no unacceptable risks; and 3. All institutional or other controls, identified as part of a response action or remedy as required to help ensure long-term protection, are in place. The RAU milestone is achieved when a piece of property	to making an RAU determination, the event code for achieving the human exposures environmental indicator (CA725YE) must be entered in RCRAInfo. RAUs for the entire facility must be linked to the "Entire Facility" area. Phased or partial RAUs are to be attached to specific areas of implementation and not to the "Entire Facility" area.

		can be safely used for an anticipated use and, depending upon the anticipated future use, may not require a facility-wide construction complete determination. For example, the surface of a property may be safely used at some facilities while groundwater contamination is still being addressed. More information on the Ready for Anticipated Use measure is presented in the "Guidance for Documenting and Reporting RCRA Subtitle C Corrective Action Land Revitalization Indicators and Performance Measures, **Status Codes** (required) • NO - The facility or area is not Ready for Anticipated Use. This status code applies if, for any reason, a previous RAU determinatio n is no	

		longer true (i.e. the anticipated use of a site could change or a human exposures determination could change). • YE - The facility or area is Ready for Anticipated Use.	
CA900	CA Performance Standards Attained	This event indicates remedies selected for the protection of human health and the environment standard have been fully implemented and associated performance standards have been attained at the entire facility or specific areas within the facility. **Status Codes** (required) • CR - Controls are required. • NC - No controls are necessary.	• Initiating Source - Written acknowledgment, processed through proper procedures, that corrective action performance standards have been achieved • Nationally Required - Yes • Scheduled Date - Date that the State or EPA expects to issue its written acknowledgment that corrective action performance standards have been achieved • Actual Date - Date that the State or EPA issued its written acknowledgment that corrective action performance standards have been achieved
CA999	Corrective Action Process Terminated	This event indicates the completion of the corrective action process for the entire facility or for areas at the facility;	• Initiating Source - Written acknowledgement, places in the facility file, stating that all projected activity has been completed • Nationally Required - Yes • Schedule Date - Date the event is scheduled to be completed

		that active remedial measures as specified in the RCRA permit or enforcement order are completed, and that all obligations with respect to compliance with 40 CFR Part 264.101 or equivalent State requirements with respect to known Solid Waste Management Units (SWMUs) or Areas or Concern have been met. **Status Codes** (not required) • NF - Site characterization has demonstrated the attainment of the final RCRA Corrective Action goals without any active remediation. • RM - Active remediation or stabilization has been implemented and the facility has demonstrated the attainment of the final	• Actual Date - Date the sequence of events was completed • Guidance - This event should be entered 1) after the Certification of Remedy Completion or Construction Completion (CA550-CMI Completed), and/or 2) after a stabilization measure(s) has been completed in a manner that meets the stabilization objectives, goals, performance standards, and/or desired results (CA650), and terminating corrective action at this point at the facility or area would satisfy all permit or order requirements for CA.

		RCRA Corrective Action goals.	

NATIONALLY-DEFINED VALUES - STATUTORY CITATION

Code	Name	Additional Information
A	RCRA 3004(u) or equivalent	Applicable to permit instruments only
B	RCRA 3004(v) or equivalent	Applicable to permit instruments only
C	RCRA 3008(a) or equivalent	Applicable to enforcement authority only
D	RCRA 3008(h) or equivalent	Applicable to enforcement authority only
E	RCRA 3013 or equivalent	Applicable to enforcement authority only
F	RCRA 7003 or equivalent	Applicable to enforcement authority only
G	CERCLA 104 or equivalent	Applicable to enforcement authority only
H	CERCLA 106 or equivalent	Applicable to enforcement authority only
U	Other	Generically applicable, including "voluntary" instruments

Cross Module

NATIONALLY-DEFINED VALUES - WASTE CODE

"D" CODES - CHARACTERISTIC WASTE CODES

Code	Description
D001	IGNITABLE WASTE
D002	CORROSIVE WASTE
D003	REACTIVE WASTE
D004	ARSENIC
D005	BARIUM
D006	CADMIUM
D007	CHROMIUM
D008	LEAD
D009	MERCURY
D010	SELENIUM
D011	SILVER
D012	ENDRIN (1,2,3,4,10,10-HEXACHLORO-1,7-EPOXY-1,4,4A,5,6,7,8,8A-OCTAHYDRO-1,4-ENDO, ENDO-5,8-DIMETH-ANO-NAPHTHALENE)
D013	LINDANE (1,2,3,4,5,6-HEXA-CHLOROCYCLOHEXANE, GAMMA ISOMER)
D014	METHOXYCHLOR (1,1,1-TRICHLORO-2,2-BIS [P-METHOXYPHENYL] ETHANE)
D015	TOXAPHENE (C10 H10 CL8, TECHNICAL CHLORINATED CAMPHENE, 67-69 PERCENT CHLORINE)
D016	2,4-D (2,4-DICHLOROPHENOXYACETIC ACID)
D017	2,4,5-TP SILVEX (2,4,5-TRICHLOROPHENOXYPROPIONIC ACID)
D018	BENZENE
D019	CARBON TETRACHLORIDE
D020	CHLORDANE
D021	CHLOROBENZENE
D022	CHLOROFORM
D023	O-CRESOL
D024	M-CRESOL
D025	P-CRESOL
D026	CRESOL
D027	1,4-DICHLOROBENZENE
D028	1,2-DICHLOROETHANE
D029	1,1-DICHLOROETHYLENE
D030	2,4-DINITROTOLUENE

D031	HEPTACHLOR (AND ITS EPOXIDE)
D032	HEXACHLOROBENZENE
D033	HEXACHLOROBUTADIENE
D034	HEXACHLOROETHANE
D035	METHYL ETHYL KETONE
D036	NITROBENZENE
D037	PENTACHLOROPHENOL
D038	PYRIDINE
D039	TETRACHLOROETHYLENE
D040	TRICHLORETHYLENE
D041	2,4,5-TRICHLOROPHENOL
D042	2,4,6-TRICHLOROPHENOL
D043	VINYL CHLORIDE

"F" CODES - WASTES FROM NON-SPECIFIC SOURCES

Code	Description
F001	THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
F002	THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
F003	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
F004	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: CRESOLS, CRESYLIC ACID, AND NITROBENZENE; AND THE STILL BOTTOMS FROM THE RECOVERY OF THESE SOLVENTS; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY

	VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
F005	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
F006	WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.
F007	SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS.
F008	PLATING BATH RESIDUES FROM THE BOTTOM OF PLATING BATHS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.
F009	SPENT STRIPPING AND CLEANING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.
F010	QUENCHING BATH RESIDUES FROM OIL BATHS FROM METAL HEAT TREATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.
F011	SPENT CYANIDE SOLUTIONS FROM SLAT BATH POT CLEANING FROM METAL HEAT TREATING OPERATIONS.
F012	QUENCHING WASTEWATER TREATMENT SLUDGES FROM METAL HEAT TREATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.
F019	WASTEWATER TREATMENT SLUDGES FROM THE CHEMICAL CONVERSION COATING OF ALUMINUM, EXCEPT FROM ZIRCONIUM PHOSPHATING IN ALUMINUM CAN WASHING WHEN SUCH PHOSPHATING IS AN EXCLUSIVE CONVERSION COATING PROCESS.
F020	WASTES (EXCEPT WASTEWATER AND SPENT CARBON FROM HYDROGEN CHLORIDE PURIFICATION) FROM THE PRODUCTION OR MANUFACTURING USE (AS A REACTANT, CHEMICAL INTERMEDIATE, OR COMPONENT IN A FORMULATING PROCESS) OF TRI- OR TETRACHLOROPHENOL OR OF INTERMEDIATES USED TO PRODUCE THEIR PESTICIDE DERIVATIVES. (THIS LISTING DOES NOT INCLUDE WASTES FROM THE PRODUCTION OF HEXACHLOROPHENE FROM HIGHLY PURIFIED 2,4,5-TRICHLOROPHENOL.)
F021	WASTES (EXCEPT WASTEWATER AND SPENT CARBON FROM HYDROGEN CHLORIDE PURIFICATION) FROM THE PRODUCTION OR MANUFACTURING USE (AS A REACTANT, CHEMICAL INTERMEDIATE, OR COMPONENT IN A FORMULATING PROCESS) OF PENTACHLOROPHENOL, OR OF INTERMEDIATES USED TO PRODUCE DERIVATIVES.
F022	WASTES (EXCEPT WASTEWATER AND SPENT CARBON FROM HYDROGEN CHLORIDE PURIFICATION) FROM THE MANUFACTURING USE (AS A REACTANT, CHEMICAL INTERMEDIATE, OR COMPONENT IN A FORMULATING PROCESS) OF TETRA-, PENTA-, OR HEXACHLOROBENZENES UNDER ALKALINE CONDITIONS.
F023	WASTES (EXCEPT WASTEWATER AND SPENT CARBON FROM HYDROGEN CHLORIDE PURIFICATION) FROM THE PRODUCTION OF MATERIALS ON EQUIPMENT PREVIOUSLY USED FOR THE PRODUCTION OR MANUFACTURING USE (AS A REACTANT, CHEMICAL INTERMEDIATE, OR

	COMPONENT IN A FORMULATING PROCESS) OF TRI- AND TETRACHLOROPHENOLS. (THIS LISTING DOES NOT INCLUDE WASTES FROM EQUIPMENT USED ONLY FOR THE PRODUCTION OR USE OF HEXACHLOROPHENE FROM HIGHLY PURIFIED 2,4,5-TRICHLOROPHENOL.)
F024	PROCESS WASTES INCLUDING, BUT NOT LIMITED TO, DISTILLATION RESIDUES, HEAVY ENDS, TARS, AND REACTOR CLEAN-OUT WASTES FROM THE PRODUCTION OF CERTAIN CHLORINATED ALIPHATIC HYDROCARBONS BY FREE RADICAL CATALYZED PROCESSES. THESE CHLORINATED ALIPHATIC HYDROCARBONS ARE THOSE HAVING CARBON CHAIN LENGTHS RANGING FROM ONE TO, AND INCLUDING FIVE, WITH VARYING AMOUNTS AND POSITIONS OF CHLORINE SUBSTITUTION. (THIS LISTING DOES NOT INCLUDE WASTEWATERS, WASTEWATER TREATMENT SLUDGE, SPENT CATALYSTS, AND WASTES LISTED IN SECTIONS 261.31. OR 261.32)
F025	CONDENSED LIGHT ENDS, SPENT FILTERS AND FILTER AIDS, AND SPENT DESICCANT WASTES FROM THE PRODUCTION OF CERTAIN CHLORINATED ALIPHATIC HYDROCARBONS BY FREE RADICAL CATALYZED PROCESSES. THESE CHLORINATED ALIPHATIC HYDROCARBONS ARE THOSE HAVING CARBON CHAIN LENGTHS RANGING FROM ONE TO, AND INCLUDING FIVE, WITH VARYING AMOUNTS AND POSITIONS OF CHLORINE SUBSTITUTION.
F026	WASTES (EXCEPT WASTEWATER AND SPENT CARBON FROM HYDROGEN CHLORIDE PURIFICATION) FROM THE PRODUCTION OF MATERIALS ON EQUIPMENT PREVIOUSLY USED FOR THE MANUFACTURING USE (AS A REACTANT, CHEMICAL INTERMEDIATE, OR COMPONENT IN A FORMULATING PROCESS) OF TETRA-, PENTA-, OR HEXACHLOROBENZENE UNDER ALKALINE CONDITIONS.
F027	DISCARDED UNUSED FORMULATIONS CONTAINING TRI-, TETRA-, OR PENTACHLOROPHENOL OR DISCARDED UNUSED FORMULATIONS CONTAINING COMPOUNDS DERIVED FROM THESE CHLOROPHENOLS. (THIS LISTING DOES NOT INCLUDE FORMULATIONS CONTAINING HEXACHLOROPHENE SYNTHESIZED FROM PREPURIFIED 2,4,5-TRICHLOROPHENOL AS THE SOLE COMPONENT.)
F028	RESIDUES RESULTING FROM THE INCINERATION OR THERMAL TREATMENT OF SOIL CONTAMINATED WITH EPA HAZARDOUS WASTE NOS. F020, F021, F022, F023, F026, AND F027.
F032	WASTEWATERS, PROCESS RESIDUALS, PRESERVATIVE DRIPPAGE, AND SPENT FORMULATIONS FROM WOOD PRESERVING PROCESSES GENERATED AT PLANTS THAT CURRENTLY USE, OR HAVE PREVIOUSLY USED, CHLOROPHENOLIC FORMULATIONS [EXCEPT POTENTIALLY CROSS-CONTAMINATED WASTES THAT HAVE HAD THE F032 WASTE CODE DELETED IN ACCORDANCE WITH SECTION 261.35 (I.E., THE NEWLY PROMULGATED EQUIPMENT CLEANING OR REPLACEMENT STANDARDS), AND WHERE THE GENERATOR DOES NOT RESUME OR INITIATE USE OF CHLOROPHENOLIC FORMULATIONS]. (THIS LISTING DOES NOT INCLUDE K001 BOTTOM SEDIMENT SLUDGE FROM THE TREATMENT OF WASTEWATER FROM WOOD PRESERVING PROCESSES THAT USE CREOSOTE AND/OR PENTACHLOROPHENOL.)
F034	WASTEWATERS, PROCESS RESIDUALS, PRESERVATIVE DRIPPAGE, AND SPENT FORMULATIONS FROM WOOD PRESERVING PROCESSES GENERATED AT PLANTS THAT USE CREOSOTE FORMULATIONS. THIS LISTING DOES NOT INCLUDE K001 BOTTOM SEDIMENT SLUDGE FROM THE TREATMENT OF WASTEWATER FROM WOOD PRESERVING PROCESSES THAT USE CREOSOTE AND/OR PENTACHLOROPHENOL.
F035	WASTEWATERS, PROCESS RESIDUALS, PRESERVATIVE DRIPPAGE, AND SPENT FORMULATIONS FROM WOOD PRESERVING PROCESSES GENERATED AT PLANTS THAT USE INORGANIC PRESERVATIVES CONTAINING ARSENIC OR CHROMIUM. THIS LISTING DOES NOT INCLUDE K001 BOTTOM SEDIMENT SLUDGE FROM THE TREATMENT OF WASTEWATER FROM WOOD PRESERVING PROCESSES THAT USE CREOSOTE AND/OR PENTACHLOROPHENOL.

F037	PETROLEUM REFINERY PRIMARY OIL/WATER/SOLIDS SEPARATION SLUDGE - ANY SLUDGE GENERATED FROM THE GRAVITATIONAL SEPARATION OF OIL/WATER/SOLIDS DURING THE STORAGE OR TREATMENT OF PROCESS WASTEWATERS AND OILY COOLING WASTEWATERS FROM PETROLEUM REFINERIES. SUCH SLUDGES INCLUDE, BUT ARE NOT LIMITED TO, THOSE GENERATED IN OIL/WATER/SOLIDS SEPARATORS; TANKS AND IMPOUNDMENTS; DITCHES AND OTHER CONVEYANCES; SUMPS; AND STORM WATER UNITS RECEIVING DRY WEATHER FLOW. SLUDGES GENERATED IN STORM WATER UNITS THAT DO NOT RECEIVE DRY WEATHER FLOW, SLUDGES GENERATED IN AGGRESSIVE BIOLOGICAL TREATMENT UNITS AS DEFINED IN SECTION 261.31(B)(2) (INCLUDING SLUDGES GENERATED IN ONE OR MORE ADDITIONAL UNITS AFTER WASTEWATERS HAVE BEEN TREATED IN AGGRESSIVE BIOLOGICAL TREATMENT UNITS), AND K051 WASTES ARE EXEMPTED FROM THIS LISTING.
F038	PETROLEUM REFINERY SECONDARY (EMULSIFIED) OIL/WATER/SOLIDS SEPARATION SLUDGE - ANY SLUDGE AND/OR FLOAT GENERATED FROM THE PHYSICAL AND/OR CHEMICAL SEPARATION OF OIL/WATER/SOLIDS IN PROCESS WASTEWATERS AND OILY COOLING WASTEWATERS FROM PETROLEUM REFINERIES. SUCH WASTES INCLUDE, BUT ARE NOT LIMITED TO, ALL SLUDGES AND FLOATS GENERATED IN INDUCED AIR FLOTATION (IAF) UNITS, TANKS AND IMPOUNDMENTS, AND ALL SLUDGES GENERATED IN DAF UNITS. SLUDGES GENERATED IN STORMWATER UNITS THAT DO NOT RECEIVE DRY WEATHER FLOW, SLUDGES GENERATED IN AGGRESSIVE BIOLOGICAL TREATMENT UNITS AS DEFINED IN SECTION 261.31(B)(2) (INCLUDING SLUDGES GENERATED IN ONE OR MORE ADDITIONAL UNITS AFTER WASTEWATERS HAVE BEEN TREATED IN AGGRESSIVE BIOLOGICAL TREATMENT UNITS), AND F037, K048, AND K051 WASTES ARE EXEMPTED FROM THIS LISTING.
F039	LEACHATE RESULTING FROM THE TREATMENT, STORAGE, OR DISPOSAL OF WASTES CLASSIFIED BY MORE THAN ONE WASTE CODE UNDER SUBPART D, OR FROM A MIXTURE OF WASTES CLASSIFIED UNDER SUBPARTS C AND D OF THIS PART. (LEACHATE RESULTING FROM THE MANAGEMENT OF ONE OR MORE OF THE FOLLOWING EPA HAZARDOUS WASTES AND NO OTHER HAZARDOUS WASTES RETAINS ITS HAZARDOUS WASTE CODE(S): F020, F021, F022, F023, F026, F027, AND/OR F028.)

"K" CODES - WASTES FROM SPECIFIC SOURCES

Code	Description
K001	BOTTOM SEDIMENT SLUDGE FROM THE TREATMENT OF WASTEWATERS FROM WOOD PRESERVING PROCESSES THAT USE CREOSOTE AND/OR PENTACHLOROPHENOL.
K002	WASTEWATER TREATMENT SLUDGE FROM THE PRODUCTION OF CHROME YELLOW AND ORANGE PIGMENTS.
K003	WASTEWATER TREATMENT SLUDGE FROM THE PRODUCTION OF MOLYBDATE ORANGE PIGMENTS.
K004	WASTEWATER TREATMENT SLUDGE FROM THE PRODUCTION OF ZINC YELLOW PIGMENTS.
K005	WASTEWATER TREATMENT SLUDGE FROM THE PRODUCTION OF CHROME GREEN PIGMENTS.
K006	WASTEWATER TREATMENT SLUDGE FROM THE PRODUCTION OF CHROME OXIDE GREEN PIGMENTS (ANHYDROUS AND HYDRATED).
K007	WASTEWATER TREATMENT SLUDGE FROM THE PRODUCTION OF IRON BLUE PIGMENTS.
K008	OVEN RESIDUE FROM THE PRODUCTION OF CHROME OXIDE GREEN PIGMENTS.

K009	DISTILLATION BOTTOMS FROM THE PRODUCTION OF ACETALDEHYDE FROM ETHYLENE.
K010	DISTILLATION SIDE CUTS FROM THE PRODUCTION OF ACETALDEHYDE FROM ETHYLENE.
K011	BOTTOM STREAM FROM THE WASTEWATER STRIPPER IN THE PRODUCTION OF ACRYLONITRILE.
K013	BOTTOM STREAM FROM THE ACETONITRILE COLUMN IN THE PRODUCTION OF ACRYLONITRILE.
K014	BOTTOMS FROM THE ACETONITRILE PURIFICATION COLUMN IN THE PRODUCTION OF ACRYLONITRILE.
K015	STILL BOTTOMS FROM THE DISTILLATION OF BENZYL CHLORIDE.
K016	HEAVY ENDS OR DISTILLATION RESIDUES FROM THE PRODUCTION OF CARBON TETRACHLORIDE.
K017	HEAVY ENDS (STILL BOTTOMS) FROM THE PURIFICATION COLUMN IN THE PRODUCTION OF EPICHLOROHYDRIN.
K018	HEAVY ENDS FROM THE FRACTIONATION COLUMN IN ETHYL CHLORIDE PRODUCTION.
K019	HEAVY ENDS FROM THE DISTILLATION OF ETHYLENE DICHLORIDE IN ETHYLENE DICHLORIDE PRODUCTION.
K020	HEAVY ENDS FROM THE DISTILLATION OF VINYL CHLORIDE IN VINYL CHLORIDE MONOMER PRODUCTION.
K021	AQUEOUS SPENT ANTIMONY CATALYST WASTE FROM FLUOROMETHANE PRODUCTION.
K022	DISTILLATION BOTTOM TARS FROM THE PRODUCTION OF PHENOL/ACETONE FROM CUMENE.
K023	DISTILLATION LIGHT ENDS FROM THE PRODUCTION OF PHTHALIC ANHYDRIDE FROM NAPHTHALENE.
K024	DISTILLATION BOTTOMS FROM THE PRODUCTION OF PHTHALIC ANHYDRIDE FROM NAPHTHALENE.
K025	DISTILLATION BOTTOMS FROM THE PRODUCTION OF NITROBENZENE BY THE NITRATION OF BENZENE.
K026	STRIPPING STILL TAILS FROM THE PRODUCTION OF METHYL ETHYL PYRIDINES.
K027	CENTRIFUGE AND DISTILLATION RESIDUES FROM TOLUENE DIISOCYANATE PRODUCTION.
K028	SPENT CATALYST FROM THE HYDROCHLORINATOR REACTOR IN THE PRODUCTION OF 1,1,1-TRICHLOROETHANE.
K029	WASTE FROM THE PRODUCT STEAM STRIPPER IN THE PRODUCTION OF 1,1,1-TRICHLOROETHANE.
K030	COLUMN BOTTOMS OR HEAVY ENDS FROM THE COMBINED PRODUCTION OF TRICHLOROETHYLENE AND PERCHLOROETHYLENE.
K031	BY-PRODUCT SALTS GENERATED IN THE PRODUCTION OF MSMA AND CACODYLIC ACID.
K032	WASTEWATER TREATMENT SLUDGE FROM THE PRODUCTION OF CHLORDANE.
K033	WASTEWATER AND SCRUB WATER FROM THE CHLORINATION OF CYCLOPENTADIENE IN THE PRODUCTION OF CHLORDANE.
K034	FILTER SOLIDS FROM THE FILTRATION OF HEXACHLOROCYCLOPENTADIENE IN THE PRODUCTION OF CHLORDANE.
K035	WASTEWATER TREATMENT SLUDGES GENERATED IN THE PRODUCTION OF CREOSOTE.
K036	STILL BOTTOMS FROM TOLUENE RECLAMATION DISTILLATION IN THE PRODUCTION OF DISULFOTON.
K037	WASTEWATER TREATMENT SLUDGES FROM THE PRODUCTION OF DISULFOTON.
K038	WASTEWATER FROM THE WASHING AND STRIPPING OF PHORATE PRODUCTION.
K039	FILTER CAKE FROM THE FILTRATION OF DIETHYLPHOSPHORODITHIOIC ACID IN THE PRODUCTION

	OF PHORATE.
K040	WASTEWATER TREATMENT SLUDGE FROM THE PRODUCTION OF PHORATE.
K041	WASTEWATER TREATMENT SLUDGE FROM THE PRODUCTION OF TOXAPHENE.
K042	HEAVY ENDS OR DISTILLATION RESIDUES FROM THE DISTILLATION OF TETRACHLOROBENZENE IN THE PRODUCTION OF 2,4,5-T.
K043	2,6-DICHLOROPHENOL WASTE FROM THE PRODUCTION OF 2,4-D.
K044	WASTEWATER TREATMENT SLUDGES FROM THE MANUFACTURING AND PROCESSING OF EXPLOSIVES.
K045	SPENT CARBON FROM THE TREATMENT OF WASTEWATER CONTAINING EXPLOSIVES.
K046	WASTEWATER TREATMENT SLUDGES FROM THE MANUFACTURING, FORMULATION, AND LOADING OF LEAD-BASED INITIATING COMPOUNDS.
K047	PINK/RED WATER FROM TNT OPERATIONS.
K048	DISSOLVED AIR FLOTATION (DAF) FLOAT FROM THE PETROLEUM REFINING INDUSTRY.
K049	SLOP OIL EMULSION SOLIDS FROM THE PETROLEUM REFINING INDUSTRY.
K050	HEAT EXCHANGER BUNDLE CLEANING SLUDGE FROM THE PETROLEUM REFINING INDUSTRY.
K051	API SEPARATOR SLUDGE FROM THE PETROLEUM REFINING INDUSTRY.
K052	TANK BOTTOMS (LEADED) FROM THE PETROLEUM REFINING INDUSTRY.
K060	AMMONIA STILL LIME SLUDGE FROM COKING OPERATIONS.
K061	EMISSION CONTROL DUST/SLUDGE FROM THE PRIMARY PRODUCTION OF STEEL IN ELECTRIC FURNACES.
K062	SPENT PICKLE LIQUOR FROM STEEL FINISHING OPERATIONS OF PLANTS THAT PRODUCE IRON OR STEEL.
K064	ACID PLANT BLOWDOWN SLURRY/SLUDGE RESULTING FROM THE THICKENING OF BLOWDOWN SLURRY FROM PRIMARY COPPER PRODUCTION.
K065	SURFACE IMPOUNDMENT SOLIDS CONTAINED IN AND DREDGED FROM SURFACE IMPOUNDMENTS AT PRIMARY LEAD SMELTING FACILITIES.
K066	SLUDGE FROM TREATMENT OF PROCESS WASTEWATER AND/OR ACID PLANT BLOWDOWN FROM PRIMARY ZINC PRODUCTION.
K069	EMISSION CONTROL DUST/SLUDGE FROM SECONDARY LEAD SMELTING.
K071	BRINE PURIFICATION MUDS FROM THE MERCURY CELL PROCESS IN CHLORINE PRODUCTION, IN WHICH SEPARATELY PREPURIFIED BRINE IS NOT USED.
K073	CHLORINATED HYDROCARBON WASTE FROM THE PURIFICATION STEP OF THE DIAPHRAGM CELL PROCESS USING GRAPHITE ANODES IN CHLORINE PRODUCTION.
K083	DISTILLATION BOTTOMS FROM ANILINE PRODUCTION.
K084	WASTEWATER TREATMENT SLUDGES GENERATED DURING THE PRODUCTION OF VETERINARY PHARMACEUTICALS FROM ARSENIC OR ORGANO-ARSENIC COMPOUNDS.
K085	DISTILLATION OR FRACTIONATION COLUMN BOTTOMS FROM THE PRODUCTION OF CHLOROBENZENES.
K086	SOLVENT WASHES AND SLUDGES, CAUSTIC WASHES AND SLUDGES, OR WATER WASHES AND SLUDGES FROM CLEANING TUBS AND EQUIPMENT USED IN THE FORMULATION OF INK FROM PIGMENTS, DRIERS, SOAPS, AND STABILIZERS CONTAINING CHROMIUM AND LEAD.
K087	DECANTER TANK TAR SLUDGE FROM COKING OPERATIONS.

K088	SPENT POTLINERS FROM PRIMARY ALUMINUM REDUCTION.
K090	EMISSION CONTROL DUST OR SLUDGE FROM FERROCHROMIUMSILICON PRODUCTION.
K091	EMISSION CONTROL DUST OR SLUDGE FROM FERROCHROMIUM PRODUCTION.
K093	DISTILLATION LIGHT ENDS FROM THE PRODUCTION OF PHTHALIC ANHYDRIDE FROM ORTHO-XYLENE.
K094	DISTILLATION BOTTOMS FROM THE PRODUCTION OF PHTHALIC ANHYDRIDE FROM ORTHO-XYLENE.
K095	DISTILLATION BOTTOMS FROM THE PRODUCTION OF 1,1,1-TRICHLOROETHANE.
K096	HEAVY ENDS FROM THE HEAVY ENDS COLUMN FROM THE PRODUCTION OF 1,1,1-TRICHLOROETHANE.
K097	VACUUM STRIPPER DISCHARGE FROM THE CHLORDANE CHLORINATOR IN THE PRODUCTION OF CHLORDANE.
K098	UNTREATED PROCESS WASTEWATER FROM THE PRODUCTION OF TOXAPHENE.
K099	UNTREATED WASTEWATER FROM THE PRODUCTION OF 2,4-D.
K100	WASTE LEACHING SOLUTION FROM ACID LEACHING OF EMISSION CONTROL DUST/SLUDGE FROM SECONDARY LEAD SMELTING.
K101	DISTILLATION TAR RESIDUES FROM THE DISTILLATION OF ANILINE-BASED COMPOUNDS IN THE PRODUCTION OF VETERINARY PHARMACEUTICALS FROM ARSENIC OR ORGANO-ARSENIC COMPOUNDS.
K102	RESIDUE FROM THE USE OF ACTIVATED CARBON FOR DECOLORIZATION IN THE PRODUCTION OF VETERINARY PHARMACEUTICALS FROM ARSENIC OR ORGANO-ARSENIC COMPOUNDS.
K103	PROCESS RESIDUES FROM ANILINE EXTRACTION FROM THE PRODUCTION OF ANILINE.
K104	COMBINED WASTEWATERS GENERATED FROM NITROBENZENE/ANILINE PRODUCTION.
K105	SEPARATED AQUEOUS STREAM FROM THE REACTOR PRODUCT WASHING STEP IN THE PRODUCTION OF CHLOROBENZENES.
K106	WASTEWATER TREATMENT SLUDGE FROM THE MERCURY CELL PROCESS IN CHLORINE PRODUCTION.
K107	COLUMN BOTTOMS FROM PRODUCT SEPARATION FROM THE PRODUCTION OF 1,1-DIMETHYLHYDRAZINE (UDMH) FROM CARBOXYLIC ACID HYDRAZIDES.
K108	CONDENSED COLUMN OVERHEADS FROM PRODUCT SEPARATION AND CONDENSED REACTOR VENT GASES FROM THE PRODUCTION OF 1,1-DIMETHYLHYDRAZINE FROM CARBOXYLIC ACID HYDRAZIDES.
K109	SPENT FILTER CARTRIDGES FROM PRODUCT PURIFICATION FROM THE PRODUCT OF 1,1-DIMETHYLHYDRAZINE FROM CARBOXYLIC ACID HYDRAZIDES.
K110	CONDENSED COLUMN OVERHEADS FROM INTERMEDIATE SEPARATION FROM THE PRODUCTION OF 1,1-DIMETHYLHYDRAZINE FROM CARBOXYLIC ACID HYDRAZIDES.
K111	PRODUCT WASHWATERS FROM THE PRODUCTION OF DINITROTOLUENE VIA NITRATION OF TOLUENE.
K112	REACTION BY-PRODUCT WATER FROM THE DRYING COLUMN IN THE PRODUCTION OF TOLUENEDIAMINE VIA HYDROGENATION OF DINITROTOLUENE.
K113	CONDENSED LIQUID LIGHT ENDS FROM PURIFICATION OF TOLUENEDIAMINE IN PRODUCTION OF TOLUENEDIAMINE VIA HYDROGENATION OF DINITROTOLUENE.
K114	VICINALS FROM THE PURIFICATION OF TOLUENEDIAMINE IN PRODUCTION OF TOLUENEDIAMINE VIA HYDROGENATION OF DINITROTOLUENE.

K115	HEAVY ENDS FROM PURIFICATION OF TOLUENEDIAMINE IN THE PRODUCTION OF TOLUENEDIAMINE VIA HYDROGENATION OF DINITROTOLUENE.
K116	ORGANIC CONDENSATE FROM THE SOLVENT RECOVERY COLUMN IN THE PRODUCTION OF TOLUENE DIISOCYANATE VIA PHOSGENATION OF TOLUENEDIAMINE.
K117	WASTEWATER FROM THE REACTOR VENT GAS SCRUBBER IN THE PRODUCTION OF ETHYLENE DIBROMIDE VIA BROMINATION OF ETHENE.
K118	SPENT ADSORBENT SOLIDS FROM PURIFICATION OF ETHYLENE DIBROMIDE IN THE PRODUCTION OF ETHYLENE DIBROMIDE VIA BROMINATION OF ETHENE.
K123	PROCESS WASTEWATER (INCLUDING SUPERNATES, FILTRATES, AND WASHWATERS) FROM THE PRODUCTION OF ETHYLENEBISDITHIOCARBAMIC ACID AND ITS SALTS.
K124	REACTOR VENT SCRUBBER WATER FROM THE PRODUCTION OF ETHYLENEBISDITHIOCARBAMIC ACID AND ITS SALTS.
K125	FILTRATION, EVAPORATION, AND CENTRIFUGATION SOLIDS FROM THE PRODUCTION OF ETHYLENEBISDITHIOCARBAMIC ACID AND ITS SALTS.
K126	BAGHOUSE DUST AND FLOOR SWEEPINGS IN MILLING AND PACKAGING OPERATIONS FROM PRODUCTION OR FORMULATION OF ETHYLENEBISDITHIOCARBAMIC ACID AND ITS SALTS.
K131	WASTEWATER FROM THE REACTOR AND SPENT SULFURIC ACID FROM THE ACID DRYER FROM THE PRODUCTION OF METHYL BROMIDE.
K132	SPENT ABSORBENT AND WASTEWATER SEPARATOR SOLIDS FROM THE PRODUCTION OF METHYL BROMIDE.
K136	STILL BOTTOMS FROM THE PURIFICATION OF ETHYLENE DIBROMIDE IN THE PRODUCTION OF ETHYLENE DIBROMIDE VIA BROMINATION OF ETHENE.
K140	DESCRIPTION
K141	PROCESS RESIDUES FROM THE RECOVERY OF COAL TAR, INCLUDING, BUT NOT LIMITED TO, TAR COLLECTING SUMP RESIDUES FROM THE PRODUCTION OF COKE FROM COAL OR THE RECOVERY OF COKE BY-PRODUCTS PRODUCED FROM COAL. THIS LISTING DOES NOT INCLUDE K087 (DECANTER TANK SLUDGE FROM COKING OPERATIONS).
K142	TANK STORAGE RESIDUES FROM THE PRODUCTION OF COKE FROM COAL OR FROM THE RECOVERY OF COKE BY-PRODUCTS FROM COAL.
K143	PROCESS RESIDUES FROM THE RECOVERY OF LIGHT OIL, INCLUDING, BUT NOT LIMITED TO, THOSE GENERATED IN STILLS, DECANTERS, AND WASH OIL RECOVERY UNITS FROM THE RECOVERY OF COKE BY-PRODUCTS PRODUCED FROM COAL.
K144	WASTEWATER SUMP RESIDUES FROM LIGHT OIL REFINING, INCLUDING, BUT NOT LIMITED TO, INTERCEPTING OR CONTAMINATION SUMP SLUDGES FROM THE RECOVERY OF COKE BY-PRODUCTS PRODUCED FROM COAL.
K145	RESIDUES FROM NAPHTHALENE COLLECTION AND RECOVERY OPERATIONS FROM THE RECOVERY OF COKE BY-PRODUCTS PRODUCED FROM COAL.
K147	TAR STORAGE RESIDUES FROM COAL TAR REFINING.
K148	RESIDUES FROM COAL TAR DISTILLATION, INCLUDING, BUT NOT LIMITED TO, STILL BOTTOMS.
K149	DISTILLATION BOTTOMS FROM THE PRODUCTION OF ALPHA (OR METHYL-) CHLORINATED TOLUNES, RING-CHLORINATED TOLUNES, BENZOYL CHLORIDES, AND COMPOUNDS WITH MIXTURES OF THESE FUNCTIONAL GROUPS. [THIS WASTE DOES NOT INCLUDE STILL BOTTOMS FROM THE DISTILLATION OF BENZOYL CHLORIDE]
K150	ORGANIC RESIDULES EXCLUDING SPENT CARBON ADSORBENT, FROM THE SPENT CHLORINE GAS AND HYDROCHLORIC ACID RECOVERY PROCESSES ASSOCIATED WITH THE PRODUCTION OF ALPHA

	(OR METHYL-) CHLORINATED TOLUNES, BENZOYL CHLORIDES, AND COMPOUNDS WITH MIXTURES OF THESE FUNCTIONAL GROUPS.
K151	WASTEWATER TREATMENT SLUDGES, EXCLUDING NEUTRALIZATION AND BIOLOGICAL SLUDGES, GENERATED DURING THE TREATMENT OF WASTEWATERS FROM THE PRODUCTION OF ALPHA (OR METHYL-) CHLORINATED TOLUNES, BENZOYL CHLORIDES, AND COMPOUNDS WITH MIXTURES OF THESE FUNCTIONAL GROUPS.
K156	ORGANIC WASTE (INCLUDING HEAVY ENDS, STILL BOTTOMS, LIGHT ENDS, SPENT SOLVENTS, FILTRATES, AND DECANTATES) FROM THE PRODUCTION OF CARBAMATES AND CARBAMOYL OXIMES.
K157	WASTEWATERS (INCLUDING SCRUBBER WATERS, CONDENSER WATERS, WASHWATERS, AND SEPARATION WATERS) FROM THE PRODUCTION OF CARBAMATES AND CARBAMOYL OXIMES.
K158	BAG HOUSE DUSTS AND FILTER/SEPARATION SOLIDS FROM THE PRODUCTION OF CARBAMATES AND CARBAMOYL OXIMES.
K159	ORGANICS FROM THE TREATMENT OF THIOCARBAMATE WASTES.
K160	SOLIDS (INCLUDING FILTER WASTES, SEPARATION SOLIDS, AND SPENT CATALYSTS) FROM THE PRODUCTION OF THIOCARBAMATES AND SOLIDS FROM THE TREATMENT OF THIOCARBAMATE WASTES.
K161	PURIFICATION SOLIDS (INCLUDING FILTRATION, EVAPORATION, AND CENTRIFUGATION SOLIDS), BAG HOUSE DUST AND FLOOR SWEEPINGS FROM THE PRODUCTION OF DITHIOCARBAMATE ACIDS AND THEIR SALTS. (THIS LISTING DOES NOT INCLUDE K125 OR K126).
K169	CRUDE OIL STORAGE TANK SEDIMENT FROM PETROLEUM REFINING OPERATIONS
K170	CLARIFIED SLURRY OIL TANK SEDIMENT AND/OR IN-LINE FILTER/SEPARATION SOLIDS FROM PETROLEUM REFINING OPERATIONS
K171	SPENT HYDROTREATING CATALYST FROM PETROLEUM REFINING OPERATIONS,INCLUDING GUARD BEDS USED TO DESULFURIZE FEEDS TO OTHER CATALYTIC REACTORS (THIS LISTING DOES NOT INCLUDE INERT SUPPORT MEDIA)
K172	SPENT HYDROREFINING CATALYST FROM PETROLEUM REFINING OPERATIONS, INCLUDING GUARD BEDS USED TO DESULFURIZE FEEDS TO OTHER CATALYTIC REACTORS (THIS LISTING DOES NOT INCLUDE INERT SUPPORT MEDIA)
K174	WASTEWATER TREATMENT SLUDGES FROM THE PRODUCTION OF ETHLYENE DICHLORIDE OR VINYL CHLORIDE
K175	WASTEWATER TREATMENT SLUDGE FROM THE PRODUCTION OF VINYL CHLORIDE MONOMER..
K176	BAGHOUSE FILTERS FROM THE PRODUCTION OF ANTIMONY OXIDE, INCLUDING FILTERS FROM THE PRODUCTION OF INTERMEDIATES (E.G.,ANTIMONY METAL OR CRUDE ANTIMONY OXIDE)
K177	SLAG FROM THE PRODUCTION OF ANTIMONY OXIDE THAT IS SPECULATIVELY ACCUMULATED OR DISPOSED,INCLUDING SLAG FROM THE PRODUCTION OF INTERMEDIATES (E.G.,ANTIMONY METAL OR CRUDE ANTIMONY OXIDE)
K178	RESIDUES FROM MANUFACTURING AND MANUFACTURING-SITE STORAGE OF FERRIC CHLORIDE FROM ACIDS FORMED DURING THE PRODUCTION OF TITANIUM DIOXIDE USING THE CHLORIDE-ILMENITE PROCESS.
K181	NONWASTEWATERS FROM THE PRODUCTION OF DYES AND/OR PIGMENTS.

"P" CODES - ACUTELY HAZARDOUS COMPOUNDS

Code	Description
P001	2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%
P002	1-ACETYL-2-THIOUREA (OR) ACETAMIDE, N-(AMINOTHIOXOMETHYL)-
P003	2-PROPENAL (OR) ACROLEIN
P004	1,4,5,8-DIMETHANONAPHTHALENE, 1,2,3,4,10,10-HEXA-CHLORO-1,4,4A,5,8,8A,-HEXAHYDRO-, (1ALPHA, 4ALPHA, 4ABETA, 5ALPHA, 8ALPHA, 8ABETA)- (OR) ALDRIN
P005	2-PROPEN-1-OL (OR) ALLYL ALCOHOL
P006	ALUMINUM PHOSPHIDE (R,T)
P007	3(2H)-ISOXAZOLONE, 5-(AMINOMETHYL)- (OR) 5-(AMINOMETHYL)-3-ISOXAZOLOL
P008	4-AMINOPYRIDINE (OR) 4-PYRIDINAMINE
P009	AMMONIUM PICRATE (R) (OR) PHENOL, 2,4,6-TRINITRO-, AMMONIUM SALT (R)
P010	ARSENIC ACID H3ASO4
P011	ARSENIC OXIDE AS2O5 (OR) ARSENIC PENTOXIDE
P012	ARSENIC OXIDE AS2O3 (OR) ARSENIC TRIOXIDE
P013	BARIUM CYANIDE
P014	BENZENETHIOL (OR) THIOPHENOL
P015	BERYLLIUM
P016	DICHLOROMETHYL ETHER (OR) METHANE, OXYBIS[CHLORO-
P017	2-PROPANONE, 1-BROMO- (OR) BROMOACETONE
P018	BRUCINE (OR) STRYCHNIDIN-10-ONE, 2,3-DIMETHOXY-
P020	DINOSEB (OR) PHENOL, 2-(1-METHYLPROPYL)-4,6-DINITRO-
P021	CALCIUM CYANIDE (OR) CALCIUM CYANIDE CA(CN)2
P022	CARBON DISULFIDE
P023	ACETALDEHYDE, CHLORO- (OR) CHLOROACETALDEHYDE
P024	BENZENAMINE, 4-CHLORO- (OR) P-CHLORANILINE
P026	1-(O-CHLOROPHENYL)THIOUREA (OR) THIOUREA, (2-CHLOROPHENYL)-
P027	3-CHLOROPROPIONITRILE (OR) PROPANENITRILE, 3-CHLORO-
P028	BENZENE, (CHLOROMETHYL)- (OR) BENZYL CHLORIDE
P029	COPPER CYANIDE (OR) COPPER CYANIDE CU(CN)
P030	CYANIDES (SOLUBLE CYANIDE SALTS), NOT OTHERWISE SPECIFIED

"U" CODES - TOXIC COMPOUNDS

Code	Description
U001	ACETALDEHYDE (I) (OR) ETHANAL (I)
U002	2-PROPANONE (I) (OR) ACETONE (I)
U003	ACETONITRILE (I,T)
U004	ACETOPHENONE (OR) ETHANONE, 1-PHENYL-

U005	2-ACETYLAMINOFLUORENE (OR) ACETAMIDE, N-9H-FLUOREN-2-YL
U006	ACETYL CHLORIDE (C,R,T)
U007	2-PROPENAMIDE (OR) ACRYLAMIDE
U008	2-PROPENOIC ACID (I) (OR) ACRYLIC ACID (I)
U009	2-PROPENENITRILE (OR) ACRYLONITRILE
U010	AZIRINO [2',3':3,4]PYRROLO[1,2-A]INDOLE-4,7-DIONE, 6-AMINO-8-[[(AMINOCARBONYL)OXY]METHYL]-1,1A,2,8,8A,8B-HEXAHYDRO-8A-METHOXY-5-METHYL-, [1AS-(1AALPHA, 8BETA, 8AALPHA, 8BALPHA)]- (OR) MITOMYCIN C
U011	1H-1,2,4-TRIAZOL-3-AMINE (OR) AMITROLE
U012	ANILINE (I,T) (OR) BENZENAMINE (I,T)
U014	AURAMINE (OR) BENZENAMINE, 4,4'-CARBONIMIDOYLBIS[N,N-DIMETHYL-
U015	AZASERINE (OR) L-SERINE, DIAZOACETATE (ESTER)
U016	BENZ[C]ACRIDINE
U017	BENZAL CHLORIDE (OR) BENZENE, (DICHLOROMETHYL)-
U018	BENZ[A]ANTHRACENE
U019	BENZENE (I,T)
U020	BENZENESULFONIC ACID CHLORIDE (C,R) (OR) BENZENESULFONYL CHLORIDE (C,R)
U021	[1,1'-BIPHENYL]-4,4'-DIAMINE (OR) BENZIDINE
U022	BENZO[A]PYRENE
U023	BENZENE, (TRICHLOROMETHYL)- (OR) BENZOTRICHLORIDE (C,R,T)
U024	DICHLOROMETHOXY ETHANE (OR) ETHANE, 1,1'-[METHYLENEBIS(OXY)]BIS[2-CHLORO-
U025	DICHLOROETHYL ETHER (OR) ETHANE, 1,1'-OXYBIS[2-CHLORO-
U026	CHLORNAPHAZIN (OR) NAPHTHALENAMINE, N,N'-BIS(2-CHLOROETHYL)-
U027	DICHLOROISOPROPYL ETHER (OR) PROPANE, 2,2'-OXYBIS[2-CHLORO-
U028	1,2-BENZENEDICARBOXYLIC ACID, BIS(2-ETHYLHEXYL) ESTER (OR) DIETHYLHEXYL PHTHALATE
U029	METHANE, BROMO- (OR) METHYL BROMIDE
U030	4-BROMOPHENYL PHENYL ETHER (OR) BENZENE, 1-BROMO-4-PHENOXY-
U031	1-BUTANOL (I) (OR) N-BUTYL ALCOHOL (I)
U032	CALCIUM CHROMATE (OR) CHROMIC ACID H2CRO4, CALCIUM SALT
U033	CARBON OXYFLUORIDE (R,T) (OR) CARBONIC DIFLUORIDE
U034	ACETALDEHYDE, TRICHLORO- (OR) CHLORAL
U035	BENZENEBUTANOIC ACID, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) CHLORAMBUCIL
U036	4,7-METHANO-1H-INDENE, 1,2,4,5,6,7,8,8-OCTACHLORO-2,3,3A,4,7,7A-HEXAHYDRO- (OR) CHLORDANE, ALPHA & GAMMA ISOMERS
U037	BENZENE, CHLORO- (OR) CHLOROBENZENE
U038	BENZENEACETIC ACID, 4-CHLORO-ALPHA-(4-CHLOROPHENYL)-ALPHA-HYDROXY-, ETHYL ESTER (OR) CHLOROBENZILATE
U039	P-CHLORO-M-CRESOL (OR) PHENOL, 4-CHLORO-3-METHYL-
U041	EPICHLOROHYDRIN (OR) OXIRANE, (CHLOROMETHYL)-
U042	2-CHLOROETHYL VINYL ETHER (OR) ETHENE, (2-CHLOROETHOXY)-

U043	ETHENE, CHLORO- (OR) VINYL CHLORIDE
U044	CHLOROFORM (OR) METHANE, TRICHLORO-
U045	METHANE, CHLORO- (I,T) (OR) METHYL CHLORIDE (I,T)
U046	CHLOROMETHYL METHYL ETHER (OR) METHANE, CHLOROMETHOXY-
U047	BETA-CHLORONAPHTHALENE (OR) NAPHTHALENE, 2-CHLORO-
U048	O-CHLOROPHENOL (OR) PHENOL, 2-CHLORO-
U049	4-CHLORO-O-TOLUIDINE, HYDROCHLORIDE (OR) BENZENAMINE, 4-CHLORO-2-METHYL-, HYDROCHLORIDE
U050	CHRYSENE
U051	CREOSOTE
U052	CRESOL (CRESYLIC ACID) (OR) PHENOL, METHYL-
U053	2-BUTENAL (OR) CROTONALDEHYDE
U055	BENZENE, (1-METHYLETHYL)- (I) (OR) CUMENE (I)
U056	BENZENE, HEXAHYDRO- (I) (OR) CYCLOHEXANE (I)
U057	CYCLOHEXANONE (I)
U058	2H-1,3,2-OXAZAPHOSPHORIN-2-AMINE, N,N-BIS(2-CHLOROETHYL)TETRAHYDRO-, 2-OXIDE (OR) CYCLOPHOSPHAMIDE
U059	5,12-NAPHTHACENEDIONE, 8-ACETYL-10-[(3-AMINO-2,3,6-TRIDEOXY)-ALPHA-L-LYXO-HEXOPYRANOSYL)OXY]-7,8,9,10-TETRAHYDRO-6,8,11-TRIHYDROXY-1-METHOXY-, (8S-CIS)- (OR) DAUNOMYCIN
U060	BENZENE, 1,1'-(2,2-DICHLOROETHYLIDENE)BIS[4-CHLORO- (OR) DDD
U061	BENZENE, 1,1'-(2,2,2-TRICHLOROETHYLIDENE)BIS[4-CHLORO- (OR) DDT
U062	CARBAMOTHIOIC ACID, BIS(1-METHYLETHYL)-, S-(2,3-DICHLORO-2-PROPENYL) ESTER (OR) DIALLATE
U063	DIBENZ[A,H]ANTHRACENE
U064	BENZO[RST]PENTAPHENE (OR) DIBENZO[A,I]PYRENE
U066	1,2-DIBROMO-3-CHLOROPROPANE (OR) PROPANE, 1,2-DIBROMO-3-CHLORO-
U067	ETHANE, 1,2-DIBROMO- (OR) ETHYLENE DIBROMIDE
U068	METHANE, DIBROMO- (OR) METHYLENE BROMIDE
U069	1,2-BENZENEDICARBOXYLIC ACID, DIBUTYL ESTER (OR) DIBUTYL PHTHALATE
U070	BENZENE, 1,2-DICHLORO- (OR) O-DICHLOROBENZENE
U071	BENZENE, 1,3-DICHLORO- (OR) M-DICHLOROBENZENE
U072	BENZENE, 1,4-DICHLORO- (OR) P-DICHLOROBENZENE
U073	[1,1'-BIPHENYL]-4,4'-DIAMINE, 3,3'-DICHLORO- (OR) 3,3'-DICHLOROBENZIDINE
U074	1,4-DICHLORO-2-BUTENE (I,T) (OR) 2-BUTENE, 1,4-DICHLORO- (I,T)
U075	DICHLORODIFLUOROMETHANE (OR) METHANE, DICHLORODIFLUORO-
U076	ETHANE, 1,1-DICHLORO- (OR) ETHYLIDENE DICHLORIDE
U077	ETHANE, 1,2-DICHLORO- (OR) ETHYLENE DICHLORIDE
U078	1,1-DICHLOROETHYLENE (OR) ETHENE, 1,1-DICHLORO-
U079	1,2-DICHLOROETHYLENE (OR) ETHENE, 1,2-DICHLORO-,(E)-

U080	METHANE, DICHLORO- (OR) METHYLENE CHLORIDE
U081	2,4-DICHLOROPHENOL (OR) PHENOL, 2,4-DICHLORO-
U082	2,6-DICHLOROPHENOL (OR) PHENOL, 2,6-DICHLORO-
U083	PROPANE, 1,2-DICHLORO- (OR) PROPYLENE DICHLORIDE
U084	1,3-DICHLOROPROPENE (OR) 1-PROPENE, 1,3-DICHLORO-
U085	1,2:3,4-DIEPOXYBUTANE (I,T) (OR) 2,2'-BIOXIRANE
U086	HYDRAZINE, 1,2-DIETHYL- (OR) N,N'-DIETHYLHYDRAZINE
U087	O,O-DIETHYL S-METHYL DITHIOPHOSPHATE (OR) PHOSPHORODITHIOIC ACID, O,O-DIETHYL S-METHYL ESTER
U088	1,2-BENZENEDICARBOXYLIC ACID, DIETHYL ESTER (OR) DIETHYL PHTHALATE
U089	DIETHYLSTILBESTEROL (OR) PHENOL, 4,4'-(1,2-DIETHYL-1,2-ETHENEDIYL)BIS, (E)-
U090	1,3-BENZODIOXOLE, 5-PROPYL- (OR) DIHYDROSAFROLE
U091	[1,1'-BIPHENYL]-4,4'-DIAMINE, 3,3'-DIMETHOXY- (OR) 3,3'-DIMETHOXYBENZIDINE
U092	DIMETHYLAMINE (I) (OR) METHANAMINE, N-METHYL- (I)
U093	BENZENAMINE, N,N-DIMETHYL-4-(PHENYLAZO)- (OR) P-DIMETHYLAMINOAZOBENZENE
U094	7,12-DIMETHYLBENZ[A]ANTHRACENE (OR) BENZ[A]ANTHRACENE, 7,12-DIMETHYL-
U095	[1,1'-BIPHENYL]-4,4'-DIAMINE, 3,3'-DIMETHYL- (OR) 3,3'-DIMETHYLBENZIDINE
U096	ALPHA,ALPHA-DIMETHYLBENZYLHYDROPEROXIDE (R) (OR) HYDROPEROXIDE, 1-METHYL-1-PHENYLETHYL- (R)
U097	CARBAMIC CHLORIDE, DIMETHYL- (OR) DIMETHYLCARBAMOYL CHLORIDE
U098	1,1-DIMETHYLHYDRAZINE (OR) HYDRAZINE, 1,1-DIMETHYL-
U099	1,2-DIMETHYLHYDRAZINE (OR) HYDRAZINE, 1,2-DIPHENYL-
U101	2,4-DIMETHYLPHENOL (OR) PHENOL, 2,4-DIMETHYL-
U102	1,2-BENZENEDICARBOXYLIC ACID, DIMETHYL ESTER (OR) DIMETHYL PHTHALATE
U103	DIMETHYL SULFATE (OR) SULFURIC ACID, DIMETHYL ESTER
U105	2,4-DINITROTOLUENE (OR) BENZENE, 1-METHYL-2,4-DINITRO-
U106	2,6-DINITROTOLUENE (OR) BENZENE, 2-METHYL-1,3-DINITRO-
U107	1,2-BENZENEDICARBOXYLIC ACID, DIOCTYL ESTER (OR) DI-N-OCTYL PHTHALATE
U108	1,4-DIETHYLENEOXIDE (OR) 1,4-DIOXANE
U109	1,2-DIPHENYLHYDRAZINE (OR) HYDRAZINE, 1,2-DIPHENYL-
U110	1-PROPANIMINE, N-PROPYL-(I) (OR) DIPROPYLAMINE (I)
U111	1-PROPANAMINE, N-NITROSO-N-PROPYL- (OR) DI-N-PROPYLNITROSAMINE
U112	ACETIC ACID, ETHYL ESTER (I) (OR) ETHYL ACETATE (I)
U113	2-PROPENOIC ACID, ETHYL ESTER (I) (OR) ETHYL ACRYLATE (I)
U114	CARBAMODITHIOIC ACID, 1,2-ETHANEDIYLBIS-, SALTS & ESTERS (OR) ETHYLENEBISDITHIOCARBAMIC ACID, SALTS & ESTERS
U115	ETHYLENE OXIDE (I,T) (OR) OXIRANE (I,T)
U116	2-IMIDAZOLIDINETHIONE (OR) ETHYLENETHIOUREA
U117	ETHANE, 1,1'-OXYBIS-(I) (OR) ETHYL ETHER (I)

U118	2-PROPENOIC ACID, 2-METHYL-, ETHYL ESTER (OR) ETHYL METHACRYLATE
U119	ETHYL METHANESULFONATE (OR) METHANESULFONIC ACID, ETHYL ESTER
U120	FLUORANTHENE
U121	METHANE, TRICHLOROFLUORO- (OR) TRICHLOROMONOFLUOROMETHANE
U122	FORMALDEHYDE
U123	FORMIC ACID (C,T)
U124	FURAN (I) (OR) FURFURAN (I)
U125	2-FURANCARBOXALDEHYDE (I) (OR) FURFURAL (I)
U126	GLYCIDYLALDEHYDE (OR) OXIRANECARBOXYALDEHYDE
U127	BENZENE, HEXACHLORO- (OR) HEXACHLOROBENZENE
U128	1,3-BUTADIENE, 1,1,2,3,4,4-HEXACHLORO- (OR) HEXACHLOROBUTADIENE
U129	CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-, (1ALPHA, 2ALPHA, 3BETA, 4ALPHA, 5ALPHA, 6BETA)- (OR) LINDANE
U130	1,3-CYCLOPENTADIENE, 1,2,3,4,5,5-HEXACHLORO- (OR) HEXACHLOROCYCLOPENTADIENE
U131	ETHANE, HEXACHLORO- (OR) HEXACHLOROETHANE
U132	HEXACHLOROPHENE (OR) PHENOL, 2,2'-METHYLENEBIS[3,4,6-TRICHLORO-
U133	HYDRAZINE (R,T)
U134	HYDROFLUORIC ACID (C,T) (OR) HYDROGEN FLUORIDE (C,T)
U135	HYDROGEN SULFIDE (OR) HYDROGEN SULFIDE H2S
U136	ARSINIC ACID, DIMETHYL- (OR) CACODYLIC ACID
U137	INDENO[1,2,3-CD]PYRENE
U138	METHANE, IODO- (OR) METHYL IODIDE
U140	1-PROPANOL, 2-METHYL- (I,T) (OR) ISOBUTYL ALCOHOL (I,T)
U141	1,3-BENZODIOXOLE, 5-(1-PROPENYL)- (OR) ISOSAFROLE
U142	1,3,4-METHENO-2H-CYCLOBUTA[CD]PENTALEN-2-ONE, 1,1A,3,3A,4,5,5,5A,5B,6-DECACHLOROOCTAHYDRO- (OR) KEPONE
U143	2-BUTENOIC ACID, 2-METHYL-, 7-[[2,3-DIHYDROXY-2-(1-METHOXYETHYL)-3-METHYL-1-OXOBUTOXY]METHYL]-2,3,5,7A-TETRAHYDRO-1H-PYRROLIZIN-1-YL ESTER, [1S-[1ALPHA(Z), 7(2S*,3R*), 7AALPHA]]- (OR) LASIOCARPINE
U144	ACETIC ACID, LEAD(2+) SALT (OR) LEAD ACETATE
U145	LEAD PHOSPHATE (OR) PHOSPHORIC ACID, LEAD(2+) SALT (2:3)
U146	LEAD SUBACETATE (OR) LEAD, BIS(ACETATO-O)TETRAHYDROXYTRI-
U147	2,5-FURANDIONE (OR) MALEIC ANHYDRIDE
U148	3,6-PYRIDAZINEDIONE, 1,2-DIHYDRO- (OR) MALEIC HYDRAZIDE
U149	MALONONITRILE (OR) PROPANEDINITRILE
U150	L-PHENYLALANINE, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) MELPHALAN
U151	MERCURY
U152	2-PROPENENITRILE, 2-METHYL- (I,T) (OR) METHACRYLONITRILE (I,T)
U153	METHANETHIOL (I,T) (OR) THIOMETHANOL (I,T)
U154	METHANOL (I) (OR) METHYL ALCOHOL (I)

U155	1,2-ETHANEDIAMINE, N,N-DIMETHYL-N'-2-PYRIDINYL-N'-(2-THIENYLMETHYL)- (OR) METHAPYRILENE
U156	CARBONOCHLORIDIC ACID, METHYL ESTER, (I,T) (OR) METHYL CHLOROCARBONATE (I,T)
U157	3-METHYLCHOLANTHRENE (OR) BENZ[J]ACEANTHRYLENE, 1,2-DIHYDRO-3-METHYL-
U158	4,4'-METHYLENEBIS(2-CHLOROANILINE) (OR) BENZENAMINE, 4,4'-METHYLENEBIS[2-CHLORO-
U159	2-BUTANONE (I,T) (OR) METHYL ETHYL KETONE (MEK) (I,T)
U160	2-BUTANONE, PEROXIDE (R,T) (OR) METHYL ETHYL KETONE PEROXIDE (R,T)
U161	4-METHYL-2-PENTANONE (I) (OR) METHYL ISOBUTYL KETONE (I) (OR) PENTANOL, 4-METHYL-
U162	2-PROPENOIC ACID, 2-METHYL-, METHYL ESTER (I,T) (OR) METHYL METHACRYLATE (I,T)
U163	GUANIDINE, N-METHYL-N'-NITRO-N-NITROSO- (OR) MNNG
U164	4(1H)-PYRIMIDINONE, 2,3-DIHYDRO-6-METHYL-2-THIOXO- (OR) METHYLTHIOURACIL
U165	NAPHTHALENE
U166	1,4-NAPHTHALENEDIONE (OR) 1,4-NAPHTHOQUINONE
U167	1-NAPTHALENAMINE (OR) ALPHA-NAPHTHYLAMINE
U168	2-NAPTHALENAMINE (OR) BETA-NAPHTHYLAMINE
U169	BENZENE, NITRO- (OR) NITROBENZENE (I,T)
U170	P-NITROPHENOL (I,T) (OR) PHENOL, 4-NITRO-
U171	2-NITROPROPANE (I,T) (OR) PROPANE, 2-NITRO- (I,T)
U172	1-BUTANAMINE, N-BUTYL-N-NITROSO- (OR) N-NITROSODI-N-BUTYLAMINE
U173	ETHANOL, 2,2'-(NITROSOIMINO)BIS- (OR) N-NITROSODIETHANOLAMINE
U174	ETHANAMINE, N-ETHYL-N-NITROSO- (OR) N-NITROSODIETHYLAMINE
U176	N-NITROSO-N-ETHYLUREA (OR) UREA, N-ETHYL-N-NITROSO-
U177	N-NITROSO-N-METHYLUREA (OR) UREA, N-METHYL-N-NITROSO-
U178	CARBAMIC ACID, METHYLNITROSO-, ETHYL ESTER (OR) N-NITROSO-N-METHYLURETHANE
U179	N-NITROSOPIPERIDINE (OR) PIPERIDINE, 1-NITROSO-
U180	N-NITROSOPYRROLIDINE (OR) PYRROLIDINE, 1-NITROSO-
U181	5-NITRO-O-TOLUIDINE (OR) BENZENAMINE, 2-METHYL-5-NITRO
U182	1,3,5-TRIOXANE, 2,4,6-TRIMETHYL- (OR) PARALDEHYDE
U183	BENZENE, PENTACHLORO- (OR) PENTACHLOROBENZENE
U184	ETHANE, PENTACHLORO- (OR) PENTACHLOROETHANE
U185	BENZENE, PENTACHLORONITRO- (OR) PENTACHLORONITROBENZENE (PCNB)
U186	1,3-PENTADIENE (I) (OR) 1-METHYLBUTADIENE (I)
U187	ACETAMIDE, N-(4-ETHOXYPHENYL)- (OR) PHENACETIN
U188	PHENOL
U189	PHOSPHORUS SULFIDE (R) (OR) SULFUR PHOSPHIDE (R)
U190	1,3-ISOBENZOFURANDIONE (OR) PHTHALIC ANHYDRIDE
U191	2-PICOLINE (OR) PYRIDINE, 2-METHYL-
U192	BENZAMIDE, 3,5-DICHLORO-N-(1,1-DIMETHYL-2-PROPYNYL)- (OR) PRONAMIDE
U193	1,2-OXATHIOLANE, 2,2-DIOXIDE (OR) 1,3-PROPANE SULTONE

U194	1-PROPANAMINE (I,T) (OR) N-PROPYLAMINE (I,T)
U196	PYRIDINE
U197	2,5-CYCLOHEXADIENE-1,4-DIONE (OR) P-BENZOQUINONE
U200	RESERPINE (OR) YOHIMBAN-16-CARBOXYLIC ACID, 11,17-DIMETHOXY-18-[(3,4,5-TRIMETHOXYBENZOYL)OXY]-, METHYL ESTER, (3BETA, 16BETA, 17ALPHA, 18BETA, 20ALPHA)-
U201	1,3-BENZENEDIOL (OR) RESORCINOL
U202	1,2-BENZISOTHIAZOL-3(2H)-ONE, 1,1-DIOXIDE, & SALTS (OR) SACCHARIN, & SALTS
U203	1,3-BENZODIOXOLE, 5-(2-PROPENYL)- (OR) SAFROLE
U204	SELENIOUS ACID (OR) SELENIUM DIOXIDE
U205	SELENIUM SULFIDE (OR) SELENIUM SULFIDE SES2 (R,T)
U206	D-GLUCOSE, 2-DEOXY-2-[[(METHYLNITROSOAMINO)-CARBONYL]AMINO]- (OR) GLUCOPYRANOSE, 2-DEOXY-2-(3-METHYL-3-NITROSOUREIDO)-,D- (OR) STREPTOZOTOCIN
U207	1,2,4,5-TETRACHLOROBENZENE (OR) BENZENE, 1,2,4,5-TETRACHLORO-
U208	1,1,1,2-TETRACHLOROETHANE (OR) ETHANE, 1,1,1,2-TETRACHLORO-
U209	1,1,2,2-TETRACHLOROETHANE (OR) ETHANE, 1,1,2,2-TETRACHLORO-
U210	ETHENE, TETRACHLORO- (OR) TETRACHLOROETHYLENE
U211	CARBON TETRACHLORIDE (OR) METHANE, TETRACHLORO-
U213	FURAN, TETRAHYDRO-(I) (OR) TETRAHYDROFURAN (I)
U214	ACETIC ACID, THALLIUM(1+) SALT (OR) THALLIUM(I) ACETATE
U215	CARBONIC ACID, DITHALLIUM(1+) SALT (OR) THALLIUM(I) CARBONATE
U216	THALLIUM CHLORIDE TLCL (OR) THALLIUM(I) CHLORIDE
U217	NITRIC ACID, THALLIUM(1+) SALT (OR) THALLIUM(I) NITRATE
U218	ETHANETHIOAMIDE (OR) THIOACETAMIDE
U219	THIOUREA
U220	BENZENE, METHYL- (OR) TOLUENE
U221	BENZENEDIAMINE, AR-METHYL- (OR) TOLUENEDIAMINE
U222	BENZENAMINE, 2-METHYL-, HYDROCHLORIDE (OR) O-TOLUIDINE HYDROCHLORIDE
U223	BENZENE, 1,3-DIISOCYANATOMETHYL- (R,T) (OR) TOLUENE DIISOCYANATE (R,T)
U225	BROMOFORM (OR) METHANE, TRIBROMO-
U226	ETHANE, 1,1,1-TRICHLORO- (OR) METHYL CHLOROFORM
U227	1,1,2-TRICHLOROETHANE (OR) ETHANE, 1,1,2-TRICHLORO-
U228	ETHENE, TRICHLORO- (OR) TRICHLOROETHYLENE
U234	1,3,5-TRINITROBENZENE (R,T) (OR) BENZENE, 1,3,5-TRINITRO-
U235	1-PROPANOL, 2,3-DIBROMO-, PHOSPHATE (3:1) (OR) TRIS(2,3,-DIBROMOPROPYL) PHOSPHATE
U236	2,7-NAPHTHALENEDISULFONIC ACID,3,3'-[(3,3'-DIMETHYL[1,1'-BIPHENYL]-4,4'-DIYL)BIS(AZO)BIS[5-AMINO-4-HYDROXY]-, TETRASODIUM SALT (OR) TRYPAN BLUE
U237	2,4-(1H,3H)-PYRIMIDINEDIONE, 5-[BIS(2-CHLOROETHYL)AMINO]- (OR) URACIL MUSTARD
U238	CARBAMIC ACID, ETHYL ESTER (OR) ETHYL CARBAMATE (URETHANE)
U239	BENZENE, DIMETHYL- (I,T) (OR) XYLENE (I)

U240	2,4-D, SALTS & ESTERS (OR) ACETIC ACID, (2,4-DICHLOROPHENOXY)-, SALTS & ESTERS (OR) DICHLOROPHENOXYACETIC ACID 2,4-D
U243	1-PROPENE, 1,1,2,3,3,3-HEXACHLORO- (OR) HEXACHLOROPROPENE
U244	THIOPEROXYDICARBONIC DIAMIDE [(H2N)C(S)]2S2, TETRAMETHYL- (OR) THIRAM
U246	CYANOGEN BROMIDE (CN)BR
U247	BENZENE, 1,1'-(2,2,2-TRICHLOROETHYLIDENE)BIS[4-METHOXY- (OR) METHOXYCHLOR
U248	2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYL-BUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS OF 0.3% OR LESS (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS OF 0.3% OR LESS
U249	ZINC PHOSPHIDE ZN3P2, WHEN PRESENT AT CONCENTRATIONS OF 10% OR LESS
U271	BENOMYL (OR) CARBAMIC ACID, [1-[(BUTYLAMINO)CARBONYL]-1H-BENZIMIDAZOL-2-YL]-, METHYL ESTER
U277	SULFALLATE (OR) CARBAMODITHIOIC ACID, DIETHYL-, 2-CHLORO-2-PROPENYL ESTER
U278	BENDIOCARB (OR) 1,3-BENZODIOXOL-4-OL, 2,2-DIMETHYL-, METHYL CARBAMATE
U279	CARBARYL (OR) 1-NAPHTHALENOL, METHYLCARBAMATE
U280	BARBAN (OR) CARBAMIC ACID, (3-CHLOROPHENYL)-, 4-CHLORO-2-BUTYNYL ESTER
U328	BENZENAMINE, 2-METHYL- (OR) O-TOLUIDINE
U353	BENZENAMINE, 4-METHYL- (OR) P-TOLUIDINE
U359	ETHANOL, 2-ETHOXY- (OR) ETHYLENE GLYCOL MONOETHYL ETHER
U364	BENDIOCARB PHENOL (OR) 1,3-BENZODIOXOL-4-OL, 2,2-DIMETHYL-
U365	H-AZEPINE-1-CARBOTHIOIC ACID, HEXAHYDRO-, S-ETHYL ESTER (OR) MOLINATE
U366	DAZOMET (OR) 2H-1,3,5-THIADIAZINE- 2-THIONE, TETRAHYDRO-3,5-DIMETHYL-
U367	7-BENZOFURANOL, 2,3-DIHYDRO-2,2-DIMETHYL- (OR) CARBOFURAN PHENOL
U372	CARBAMIC ACID, 1H-BENZIMIDAZOL-2-YL, METHYL ESTER (OR) CARBENDAZIM
U373	CARBAMIC ACID, PHENYL-, 1-METHYLETHYL ESTER (OR) PROPHAM
U375	CARBAMIC ACID, BUTYL-, 3-IODO-2-PROPYNYL ESTER (OR) 3-IODO-2-PROPYNYL N-BUTYLCARBAMATE
U376	CARBAMODITHIOIC ACID, DIMETHYL-, TETRAANHYDROSULFIDE WITH ORTHOTHIOSETENIOUS ACID (OR) SELENIUM, TETRAKIS (DIMETHYLDITHIOCARBAMATE)
U377	CARBAMODITHIOIC ACID, METHYL-, MONOPOTASSIUM SALT (OR) POTASSIUM N-METHYLDITHIOCARBAMATE
U378	CARBAMODITHIOIC ACID, (HYDROXYMETHYL) METHYL-, MONOPOTASSIUM SALT (OR) POTASSIUM N-HYDROXYMETHYL- N-METHYLDI-THIOCARBAMATE
U379	SODIUM DIBUTYLDITHIOCARBAMATE (OR) CARBAMODITHIOIC ACID, DIBUTYL, SODIUM SALT
U381	CARBAMODITHIOIC ACID, DIETHYL-, SODIUM SALT (OR) SODIUM DIETHYLDITHIOCARBAMATE
U382	CARBAMODITHIOIC ACID, DIMETHYL-, SODIUM SALT (OR) SODIUM DIMETHYLDITHIOCARBAMATE
U383	CARBAMODITHIOIC ACID, DIMETHYL, POTASSIUM SALT (OR) POTASSIUM DIMETHYLDITHIOCARBAMATE
U384	CARBAMODITHIOIC ACID, METHYL-, MONOSODIUM SALT (OR) METAM SODIUM
U385	CARBAMOTHIOIC ACID, DIPROPYL-, S-PROPYL ESTER
U386	CARBAMOTHIOIC ACID, CYCLOHEXYLETHYL-, S-ETHYL ESTER (OR) CYCLOATE

U387	CARBAMOTHIOIC ACID, DIPROPYL-, S-(PHENYLMETHYL) ESTER (OR) PROSULFOCARB
U389	CARBAMOTHIOIC ACID, BIS(1-METHYLETHYL)-, S-(2,3,3-TRICHLORO-2-PROPENYL) ESTER (OR) TRIALLATE
U390	CARBAMOTHIOIC ACID, DIPROPYL-, S-ETHYL ESTER (OR) EPTC
U391	CARBAMOTHIOIC ACID, BUTYLETHYL-, S-PROPYL ESTER (OR) PEBULATE
U392	BUTYLATE (OR) CARBAMOTHIOIC ACID, BIS(2-METHYLPROPYL)-, S-ETHYL ESTER
U393	COPPER, BIS(DIMETHYLCARBAMODITHIOATO-S,S')- (OR) COPPER DIMETHYLDITHIOCARBAMATE
U394	A2213 (OR) ETHANIMIDOTHIOIC ACID, 2-(DIMETHYLAMINO)-N-HYDROXY-2-OXO-, METHYL ESTER
U395	DIETHYLENE GLYCOL, DICARBAMATE (OR) ETHANOL, 2,2'-OXYBIS-, DICARBAMATE
U396	FERBAM (OR) IRON, TRIS(DIMETHYLCARBAMODITHIOATO-S,S')-,
U400	BIS(PENTAMETHYLENE)THIURAM TETRASULFIDE (OR) PIPERIDINE, 1,1'-(TETRATHIODICARBONOTHIOYL)-BIS-
U401	BIS(DIMETHYLTHIOCARBAMOYL) SULFIDE (OR) TETRAMETHYLTHIURAM MONOSULFIDE
U402	TETRABUTYLTHIURAM DISULFIDE (OR) THIOPEROXYDICARBONIC DIAMIDE, TETRABUTYL
U403	DISULFIRAM (OR) THIOPEROXYDICARBONIC DIAMIDE, TETRAETHYL
U404	ETHANAMINE, N,N-DIETHYL- (OR) TRIETHYLAMINE
U407	ETHYL ZIRAM
U408	DESCRIPTION
U409	CARBAMIC ACID, [1,2-PHENYLENEBIS (IMINOCARBONOTHIOYL)]BIS-, DIMETHYL ESTER (OR) THIOPHANATE-METHYL
U410	ETHANIMIDOTHIOIC ACID, N,N'-[THIOBIS[(METHYLIMINO)CARBONYLOXY]]BIS-, DIMETHYL ESTER (OR) THIODICARB
U411	PHENOL, 2-(1-METHYLETHOXY)-, METHYLCARBAMATE (OR) PROPOXUR

NATIONALLY-DEFINED VALUES - DATA ORIGIN

Code	Description
BA	Biennial Report Data Via the RCRAInfo Industry Application
BL	Biennial Report Data Via the RCRAInfo BR Load Utility
DE	Data Entry
EM	e-Manifest
MR	myRCRAId
TR	Translation
UT	Utility (i.e., the Batch Inactivation Utility)

e-Manifest Module

NATIONALLY-DEFINED VALUES - CONTAINER TYPE

Code	Description
BA	Burlap, cloth, paper, or plastic bags
CF	Fiber or plastic boxes, cartons, cases
CM	Metal boxes, cartons, cases (including roll offs)
CW	Wooden boxes, cartons, cases
CY	Cylinders
DF	Fiberboard or plastic drums, barrels, kegs
DM	Metal drums, barrels, kegs
DT	Dump truck
DW	Wooden drums, barrels, kegs
HG	Hopper or gondola cars
TC	Tank cars
TP	Portable tanks
TT	Cargo tanks (tank trucks)

NATIONALLY-DEFINED VALUES - MANIFEST TRACKING NUMBER SUFFIX

Code	Description	Manifest Submission Types
CTN	Nutmeg Environmental	All types except electronic
DAT	Databar Inc.	All types except electronic
ELC	Electronic Manifest	Electronic manifests only
FLE	The Flesh Company	All types except electronic
GBF	Genoa Business Forms	All types except electronic
GRR	Giant Resource Recovery	All types except electronic
JJK	J.J. Keller & Associates, Inc.	All types except electronic
MWI	RR Donnelley	All types except electronic
PSC	PSC, LLC	All types except electronic
SKS	Safety-Kleen Systems, Inc.	All types except electronic
SRC	Stericycle	All types except electronic
TAG	The Allied Group	All types except electronic
VES	Veolia ES Technial Solutions	All types except electronic
WAS	Welsh & Associates	All types except electronic

NATIONALLY-DEFINED VALUES - ORIGIN TYPE

Code	Description
Mail	The manifest information was physically mailed to the Paper Processing Center and entered into RCRAInfo via PPC staff data entry.
Service	The manifest information was provided using services to submit the data.
Web	The manifest information was entered using the user interface provided within the RCRAInfo Industry Application.

NATIONALLY-DEFINED VALUES - STATUS

Code	Description
Corrected	The manifest has undergone corrections and has been re-signed by the appropriate parties.
InTransit	The waste has been picked up at the generator site by the specified transporter and is now in route to the receiving facility.
ReadyForSignature	The manifest is ready to be signed by the receiving facility.
Scheduled	The manifest contains all of the information, including at least one transporter and one waste, needed to sign a manifest.
Signed	The receiving facility has completed the initial signing ceremony.

NATIONALLY-DEFINED VALUES - SUBMISSION TYPE

Code	Description
DataImage5Copy	The manifest was submitted as a PDF image along with the data associated with the manifest.
FullElectronic	The manifest was submitted electronically and was electronically signed by all of the handlers listed on the manifest.
Hybrid	The manifest was submitted electronically and was electronically signed by all of the transporters and the designated facility listed on the manifest.
Image	The manifest was submitted as a PDF image only.

NATIONALLY-DEFINED VALUES - UNIT OF MEASURE

Code	Description
G	Gallons
K	Kilograms
L	Liters
M	Metric Tons (1000 kilograms)
N	Cubic Meters
P	Pounds
T	Tons (2000 pounds)
Y	Cubic Yards

Financial Assurance Module

NATIONALLY-DEFINED VALUES - MECHANISM TYPE

Code	Description	Expires? (Yes/No)
B	Surety Bond Guaranteeing Payments to a Trust Fund	Yes
C	Corporate Guarantee	Yes
F	Financial Test	Yes
I	Insurance	Yes
L	Letter of Credit	No
N	No Mechanism Established	No
S	Surety Bond Guaranteeing Performance	Yes
T	Trust Fund (fully funded; pay-in-trust)	No
C	Standby Trust Fund (associated with the surety bond or letter of credit)	No

GIS Module

NATIONALLY-DEFINED VALUES - AREA SOURCE

Code	Description
0001	Headquarters - PSPD

NATIONALLY-DEFINED VALUES - COORDINATE

Code	Description
001	The State of Alabama
002	The State of Alaska
004	The State or Arizona
005	The State of Arkansas
006	The State of California
008	The State of Colorado
009	The State of Connecticut
010	The State of Delaware
011	The District of Columbia
012	The State of Florida
013	The State of Georgia
015	The State of Hawaii
016	The State of Idaho
017	The State of Illinois
018	The State of Indiana
019	The State of Iowa
020	The State of Kansas
021	The State of Kentucky
022	The State of Louisiana
023	The State of Maine
024	The State of Maryland
025	The State of Massachusetts
026	The State of Michigan
027	The State of Minnesota
028	The State of Mississippi
029	The State of Missouri
030	The State of Montana
031	The State of Nebraska
032	The State of Nevada
033	The State of New Hampshire
034	The State of New Jersey
035	The State of New Mexico
036	The State of New York
037	The State of North Carolina
038	The State of North Dakota
039	The State of Ohio
040	The State of Oklahoma
041	The State of Oregon
042	The State of Pennsylvania

044	The State of Rhode Island
045	The State of South Carolina
046	The State of South Dakota
047	The State of Tennessee
048	The State of Texas
049	The State of Utah
050	The State of Vermont
051	The State of Virginia
053	The State of Washington
054	The State of West Virginia
055	The State of Wisconsin
056	The State of Wyoming
060	The Territory of American Samoa
064	The Federated States of Micronesia
066	The Territory of Guam
068	The Republic of the Marshall Islands
069	The Territory of Northern Mariana Islands
070	The Republic of Palau
072	The Territory of Puerto Rico
074	The Territory of U.S. Minor Outlying Islands
078	The Territory of the Virgin Islands of the United States

NATIONALLY-DEFINED VALUES - GEORGRAPHIC REFERENCE

Code	Description
001	Points not represented by general codes 101-107, 109, or their specific codes - unknown
002	The entrance point of a facility, system, or station defined as the plant entrance (general)
003	Points not represented by general codes 101-107, 109, or their specific codes - other
004	The entrance point of a facility, system, or station defined as the plant entrance (personnel)
005	The entrance point of a facility, system, or station defined as the plant entrance (freight)
006	The point where substance is released into the environment defined as an air release stack
007	The point where substance is release into the environment defined as an air release vent
008	The point where substance is processed, treated, or stored defined as a storage tank
009	The point where substance is released into the environment defined as a water release pipe
010	The point where substance is processed, treated, or stored defined as a lagoon or settling pond
011	The point where substance is processed, treated, or stored defined as a liquid waste treatment unit
012	The point where substance is released into the environment defined as an atmospheric emission
013	The point where substance is released into the environment defined as a solid waste treatment and disposal
014	The point where substance is released into the environment defined as a solid waste storage area
015	The entrance point of a facility, system, or station defined as the loading facility
016	The center of a facility/system defined as the loading area centroid
017	The point where substance is processed, treated, or stored defined as a process unit
018	The point where substance is processed, treated, or stored defined as a process unit centroid
019	The entrance point of a facility, system, or station defined as the administrative building
020	The center of a facility/system defined as the geographic centroid of the facility
021	The boundary point for a facility or system defined as the NE corner of parcel
022	The boundary point for a facility or system defined as the NW corner of parcel
023	The boundary point for a facility or system defined as the SE corner of parcel
024	The boundary point for a facility or system defined as the SW corner of parcel
025	The center of a facility/system defined as the center of production facility
028	The point where substance is monitored or sampled defined as water monitoring station
029	The point where substance is monitored or sampled defined as an air monitoring station
030	The point where water or other substance could be drawn from environment for delivery to a facility or distribution system defined as an intake pipe
032	The point where water or other substance could be drawn from environment for delivery to a facility or distribution system defined as a water well
033	The point where water or other substance could be drawn from environment for delivery to a facility or distribution system defined as a spring
035	The point where substance is released into the environment defined as a potential contaminant source

037	The point where water or other substance could be drawn from environment for delivery to a facility or distribution system defined as a well head
038	The point where substance is released into the environment defined as an end of pipe
039	The point where substance is monitored or sampled defined as grid origin
040	The point where substance is monitored or sampled defined as point of record
041	The point where substance is monitored or sampled defined as sampling point
042	The point where substance is monitored or sampled defined as transect origin
043	The point where water or other substance could be drawn from environment for delivery to a facility or distribution system defined an oil well
044	The point where water or other substance could be drawn from environment for delivery to a facility or distribution system defined as a sulfur well
045	The point where water or other substance could be drawn from environment for delivery to a facility or distribution system defined as a gas well
046	The point where substance is released into the environment defined as an underground injection well
101	Entrance point of a facility, system, or station
102	Center of a facility/system
103	Boundary point for a facility or system (facility boundary points can be singular, or part of a series of boundary points)
104	Point where water or other substance could be drawn from environment for delivery to facility or distribution system (substance destination could range from a single residence to a large facility)
105	Point where substance is processed, treated, stored (point from which substance could be released into the environment)
106	Point where substance is released (point where substance is directly released into the environment)
107	Point where substance is monitored or sampled
108	Points not represent by general codes 101-107, 109, or their specific codes
109	The point where one discharge point goes directly into an intake point

NATIONALLY-DEFINED VALUES - GEOMETRIC

Code	Description
001	The point referenced by geographic coordinates
002	The line referenced by geographic coordinates
003	The area referenced by geographic coordinates
004	The geometric entity, described by locational coordinates, that includes two or more related areas is a region
005	The geometric entity, described by locational coordinates, that forms a contiguous network is a route

NATIONALLY-DEFINED VALUES - HORIZONTAL COLLECTION

Code	Description
001	The geographic coordinate determination method based on address matching-house number
002	The geographic coordinate determination method based on address matching-block face
003	The geographic coordinate determination method based on address matching - street centerline
004	The geographic coordinate determination method based on address matching-nearest intersection
005	The geographic coordinate determination method based on address matching-primary name
006	The geographic coordinate determination method based on address matching-digitized
007	The geographic coordinate determination method based on address matching-other
008	The geographic coordinate determination method based on census block-1990-centroid
009	The geographic coordinate determination method based on census group-1990-centroid
010	The geographic coordinate determination method based on census tract-1990-centroid
011	The geographic coordinate determination method based on census-other
012	The geographic coordinate determination method based on GPS carrier phase static relative positioning technique
013	The geographic coordinate determination method based on GPS carrier phase kinematic relative positioning technique
014	The geographic coordinate determination method based on GPS code measurements (pseudo range) differential (DGPS)
015	The geographic coordinate determination method based on GPS code measurements (pseudo range) precise positioning service
016	The geographic coordinate determination method based on GPS code measurements (pseudo range) standard positioning service (SA Off)
017	The geographic coordinate determination method based on GPS code measurements (pseudo range) standard positioning service (SA On)
018	The geographic coordinate determination method based on interpolation-map
019	The geographic coordinate determination method based on interpolation-photo
020	The geographic coordinate determination method based on interpolation-satellite
021	The geographic coordinate determination method based on interpolation-other
022	The geographic coordinate determination method based on Loran C
023	The geographic coordinate determination method based on public land survey
024	The geographic coordinate determination method based on public land survey section
025	The geographic coordinate determination method based on classical surveying techniques
026	The geographic coordinate determination method based on zip code-centroid
027	The information is not known
028	Global positioning method, with unspecified parameters
029	GPS code measurements (pseudo range) standard positioning service corrected using Canadian active control system
030	The geographic coordinate determination method based on a digital map source (TIGER)

031	The geographic coordinate determination method uses SPOT, a French-owned satellite launched in 1984
032	The geographic coordinate determination method based on the use of a Multi-Spectral Scanner (MSS)
033	The geographic coordinate determination method based on the use of a Thematic Mapper (TM)
034	The geographic coordinate determination method based on a public land survey, an eighth of a section
035	The geographic coordinate determination method based on a public land survey, a sixteenth of a section
036	The geographic coordinate determination method based on a public land survey footing
037	The center of an area defined by the 5-digit zip code and its 4-digit geographic segment extension
038	The center of an area defined by the 5-digit zip code and its 2-digit geographic segment extension
101	The geographic coordinate determination method based on address matching
102	US Bureau of Census Block established for year noted
103	The geographic coordinate determination method based on GPS
104	The geographic coordinate determination method based on interpolation
105	The geographic coordinate determination method based on Loran C
106	The geographic coordinate determination method based on public land survey
107	The geographic coordinate determination method based on classical surveying techniques
108	The geographic coordinate determination method based on zip code
109	The information is not known

NATIONALLY-DEFINED VALUES - HORIZONTAL REFERENCE

Code	Description
001	North American Datum of 1927
002	North American Datum of 1983
003	North American Datum of 1984

NATIONALLY-DEFINED VALUES - VERIFICATION

Code	Description
001	Proximate to the centroid of the county
002	Proximate to the alternative coordinates for the facility
003	Proximate to the centroid of another polygon
004	A point within an undefined polygon
005	A point within the county
006	A point within the zip code area
007	Verified relative to map features (1:24K)
008	Verified relative to map features (1:100K or TIGER)
009	Verified relative to other map features
010	Verified by an unknown method
011	Determined by ground truth
012	Proximate to the centroid of the zip code
013	Verified as a point in the zip code bounding box
014	Verified as a point in the county bounding box

Handler Module

NATIONALLY-DEFINED VALUES - ACCESSIBILITY

Code	Description
B	Site has filed for bankruptcy and bankruptcy litigation is in process.
C	All RCRA responsibilities for permitting/closure, corrective action, and compliance monitoring and enforcement at the site have been formally transferred to the CERCLA program or State equivalent. The RCRA program no longer has any responsibility for the aforementioned activities for this site.
F	All responsible parties (owner/operators) for the site have fled the country or are otherwise not available for prosecution.
L	The site's case is tied up in litigation to the extent that further progress in achieving RCRA compliance through normal enforcement is not possible.

NATIONALLY-DEFINED VALUES - CLOSURE TYPE

Code	Description
A	Central Accumulation Area
F	Entire Facility

NATIONALLY-DEFINED VALUES - COUNTRY

Code	Description
AF	AFGHANISTAN
AL	ALBANIA
DZ	ALGERIA
AS	AMERICAN SAMOA
AD	ANDORRA
AO	ANGOLA
AI	ANGUILLA
AQ	ANTARCTICA
AG	ANTIGUA AND BARBUDA
AR	ARGENTINA
AM	ARMENIA
AW	ARUBA
AU	AUSTRALIA
AT	AUSTRIA
AZ	AZERBAIJAN
BS	BAHAMAS
BH	BAHRAIN
BD	BANGLADESH
BB	BARBADOS
BY	BELARUS
BE	BELGIUM
BZ	BELIZE
BJ	BENIN
BM	BERMUDA
BT	BHUTAN
BO	BOLIVIA
BA	BOSNIA AND HERZEGOVINA
BW	BOTSWANA
BV	BOUVET ISLAND
BR	BRAZIL
IO	BRITISH INDIAN OCEAN TERRITORY
BN	BRUNEI DARUSSALAM
BG	BULGARIA
BF	BURKINA FASO
BI	BURUNDI
KH	CAMBODIA
CM	CAMEROON

CA	CANADA
CV	CAPE VERDE
KY	CAYMAN ISLANDS
CF	CENTRAL AFRICAN REPUBLIC
TD	CHAD
CL	CHILE
CN	CHINA
CX	CHRISTMAS ISLAND
CC	COCOS (KEELING) ISLANDS
CO	COLOMBIA
KM	COMOROS
CG	CONGO
CD	CONGO, THE DEMOCRATIC REPUBLIC OF THE
CK	COOK ISLANDS
CR	COSTA RICA
CI	COTE D'IVOIRE
HR	CROATIA
CU	CUBA
CY	CYPRUS
CZ	CZECH REPUBLIC
DK	DENMARK
DJ	DJIBOUTI
DM	DOMINICA
DO	DOMINICAN REPUBLIC
TP	EAST TIMOR
EC	ECUADOR
EG	EGYPT
SV	EL SALVADOR
GQ	EQUATORIAL GUINEA
ER	ERITREA
EE	ESTONIA
ET	ETHIOPIA
FK	FALKLAND ISLANDS (MALVINAS)
FO	FAROE ISLANDS
FJ	FIJI
FI	FINLAND
FR	FRANCE
GF	FRENCH GUIANA
PF	FRENCH POLYNESIA
TF	FRENCH SOUTHERN TERRITORIES
GA	GABON

GM	GAMBIA
GE	GEORGIA
DE	GERMANY
GH	GHANA
GI	GIBRALTAR
GR	GREECE
GL	GREENLAND
GD	GRENADA
GP	GUADELOUPE
GU	GUAM
GT	GUATEMALA
GN	GUINEA
GW	GUINEA-BISSAU
GY	GUYANA
HT	HAITI
HM	HEARD ISLAND AND MCDONALD ISLANDS
VA	HOLY SEE (VATICAN CITY STATE)
HN	HONDURAS
HK	HONG KONG
HU	HUNGARY
IS	ICELAND
IN	INDIA
ID	INDONESIA
IR	IRAN, ISLAMIC REPUBLIC OF
IQ	IRAQ
IE	IRELAND
IL	ISRAEL
IT	ITALY
JM	JAMAICA
JP	JAPAN
JO	JORDAN
KZ	KAZAKSTAN
KE	KENYA
KI	KIRIBATI
KP	KOREA, DEMOCRATIC PEOPLES REPUBLIC OF
KR	KOREA, REPUBLIC OF
KW	KUWAIT
KG	KYRGYZSTAN
LA	LAO PEOPLE'S DEMOCRATIC REPUBLIC
LV	LATVIA
LB	LEBANON

LS	LESOTHO
LR	LIBERIA
LY	LIBYAN ARAB JAMAHIRIYA
LI	LIECHTENSTEIN
LT	LITHUANIA
LU	LUXEMBOURG
MO	MACAU
MK	MACEDONIA, THE FORMER YUGOSLAV REPUBLIC OF
MG	MADAGASCAR
MW	MALAWI
MY	MALAYSIA
MV	MALDIVES
ML	MALI
MT	MALTA
MH	MARSHALL ISLANDS
MQ	MARTINIQUE
MR	MAURITANIA
MU	MAURITIUS
YT	MAYOTTE
MX	MEXICO
FM	MICRONESIA, FEDERATED STATES OF
MD	MOLDOVA, REPUBLIC OF
MC	MONACO
MN	MONGOLIA
MS	MONTSERRAT
MA	MOROCCO
MZ	MOZAMBIQUE
MM	MYANMAR
NA	NAMIBIA
NR	NAURU
NP	NEPAL
NL	NETHERLANDS
AN	NETHERLANDS ANTILLES
NC	NEW CALEDONIA
NZ	NEW ZEALAND
NI	NICARAGUA
NE	NIGER
NG	NIGERIA
NU	NIUE
NF	NORFOLK ISLAND
MP	NORTHERN MARIANA ISLANDS

NO	NORWAY
OM	OMAN
PK	PAKISTAN
PW	PALAU
PS	PALESTINIAN TERRITORY, OCCUPIED
PA	PANAMA
PG	PAPUA NEW GUINEA
PY	PARAGUAY
PE	PERU
PH	PHILIPPINES
PN	PITCAIRN
PL	POLAND
PT	PORTUGAL
QA	QATAR
RE	REUNION
RO	ROMANIA
RU	RUSSIAN FEDERATION
RW	RWANDA
SH	SAINT HELENA
KN	SAINT KITTS AND NEVIS
LC	SAINT LUCIA
PM	SAINT PIERRE AND MIQUELON
VC	SAINT VINCENT AND THE GRENADINES
WS	SAMOA
SM	SAN MARINO
ST	SAO TOME AND PRINCIPE
SA	SAUDI ARABIA
SN	SENEGAL
SC	SEYCHELLES
SL	SIERRA LEONE
SG	SINGAPORE
SK	SLOVAKIA
SI	SLOVENIA
SB	SOLOMON ISLANDS
SO	SOMALIA
ZA	SOUTH AFRICA
GS	SOUTH GEORGIA AND THE SOUTH SANDWICH ISLANDS
ES	SPAIN
LK	SRI LANKA
SD	SUDAN
SR	SURINAME

SJ	SVALBARD AND JAN MAYEN
SZ	SWAZILAND
SE	SWEDEN
CH	SWITZERLAND
SY	SYRIAN ARAB REPUBLIC
TW	TAIWAN, PROVINCE OF CHINA
TJ	TAJIKISTAN
TZ	TANZANIA, UNITED REPUBLIC OF
TH	THAILAND
TG	TOGO
TK	TOKELAU
TO	TONGA
TT	TRINIDAD AND TOBAGO
TN	TUNISIA
TR	TURKEY
TM	TURKMENISTAN
TC	TURKS AND CAICOS ISLANDS
TV	TUVALU
UG	UGANDA
UA	UKRAINE
AE	UNITED ARAB EMIRATES
GB	UNITED KINGDOM
US	UNITED STATES
UM	UNITED STATES MINOR OUTLYING ISLANDS
UY	URUGUAY
UZ	UZBEKISTAN
VU	VANUATU
VE	VENEZUELA
VN	VIET NAM
VG	VIRGIN ISLANDS, BRITISH
VI	VIRGIN ISLANDS, U.S.
WF	WALLIS AND FUTUNA
EH	WESTERN SAHARA
YE	YEMEN
YU	YUGOSLAVIA
ZM	ZAMBIA
ZW	ZIMBABWE

NATIONALLY-DEFINED VALUES - COUNTY

The County Codes in RCRAInfo are a combination of the State Postal Code and the FIPS County Code. For example, Pima county in Arizona is AZ019 (i.e., State Postal Code - AZ and FIPS County Code - 019).

To search for a county code using the United States Census Bureau website, click here. ***Note: EPA Headquarters is NOT responsible for the information on this website.***

NATIONALLY-DEFINED VALUES - FACILITY CODE

UNDER GENERATOR EXCLUSION (40 CFR 261.4(a)(23))

Code	Name	Description
01	HSM Generator Reclaiming HSM "On-site"	This code applies if you generate and reclaim hazardous secondary material at your generating site.
02	HSM Generator Transferring HSM to Reclaimer within the "Same Company"	This code applies if you generate hazardous secondary material and send the material for reclamation to a different site that is either controlled by you or controlled by the same person that controls your generating site.
03	Reclaimer Receiving HSM from HSM Generator within the "Same Company"	This code applies if you receive and reclaim hazardous secondary material from a different site that either controls you or is controlled by the same person that controls you.
04	Tolling Contractor Reclaiming HSM Pursuant to a Tolling Contract	This code applies if you are a tolling contractor that reclaims hazardous secondary material pursuant to a written contract with a toll manufacturer.
05	Toll Manufacturer Managing HSM Pursuant to a Tolling Contract	This code applies if you generate and send hazardous secondary material for reclamation to a tolling contractor pursuant to a written contract.

VERIFIED RECYCLER EXCLUSION (40 CFR 261.4(a)(24))

Code	Name	Description
06	HSM Generator Transferring HSM Off-site to a Permitted or Verified Site	This code applies if you generate and send hazardous secondary material for reclamation to an off-site permitted or verified site.
07	Reclaimer Receiving HSM from Off-site	This code applies if you reclaim hazardous secondary material received from an off-site hazardous secondary material generator or other facility and you certify that you have financial assurance per 40 CFR 260.42.
08	Intermediate Facility Receiving HSM from Off-site	This code applies if you receive hazardous secondary material from an off-site hazardous secondary material generator or another facility, you store it for more than ten days, and you certify that you have financial assurance per 40 CFR 260.42. This code does not apply if you generate or reclaim the hazardous secondary material.

IMPORTS/EXPORTS (40 CFR 261.4(a)(24) or (25))

Code	Name	Description
09	HSM Generator Exporting HSM to a Foreign Entity for Reclamation	This code applies if you generate and plan to send hazardous secondary material for reclamation to a foreign entity for reclamation and will meet the notice and consent procedures in 40 CFR 261.4(a)(25).
10	HSM Generator Importing HSM from a Foreign Entity to Send to Another U.S. Facility for Reclamation	This code applies if you import hazardous secondary material from a foreign entity and send the material to a different U.S. reclamation facility.
11	HSM Generator Importing HSM from a Foreign Entity for Reclamation	This code applies if you import hazardous secondary material from a foreign entity and reclaim the material at your facility.
12	HSM Generator Transferring HSM Off-site to a Remanufacturer	This code applies if you generate and send hazardous secondary material to a remanufacturer in the pharmaceutical, basic organic chemical, plastics and resins, and/or paint and coatings manufacturing sectors.
13	Remanufacturer Receiving HSM from Off-site	This code applies if you remanufacture hazardous secondary material received from an off-site domestic hazardous secondary material generator. You must be in the pharmaceutical, basic organic chemical, plastics and resins, and/or paint and coatings manufacturing sectors to use this code.

NON-WASTE DETERMINATIONS AND SOLID WASTE VARIANCES (40 CFR 260.30)

Code	Name	Description
14	Variance for Materials that are Accumulated Speculatively	This code applies if you operate under an approved variance from EPA or your State for materials that are accumulated speculatively without sufficient amounts being recycled (see 40 CFR 260.31(a)).
15	Variance for Materials that are Reclaimed and then Reused within the Original Production Process	This code applies if you operate under an approved variance from EPA or your State for materials that are reclaimed and then reused as feedstock within the original production process in which the materials were generated (see 40 CFR 260.31(b)).
16	Variance for Materials that are Partially-Reclaimed	This code applies if you operate under an approved variance from EPA or your State for materials that have been partially-reclaimed but must be reclaimed further before recovery is completed if the partial reclamation has produced a commodity-like material (see 40 CFR 260.31(c)).
20	Non-Waste Determination for HSM Reclaimed in a Continuous Industrial Process	This code applies if you operate under an approved non-waste determination from EPA or your State for hazardous secondary material which is reclaimed in a continuous industrial process (see 40 CFR 260.34(b)).
21	Non-Waste Determination for HSM	This code applies if you operate under an approved non-waste determination from EPA or your State for hazardous secondary materials

	that are Indistinguishable from a Product or Intermediate	which is indistinguishable in all relevant aspects from a product or intermediate (see 40 CFR 260.34(c)).

LEGACY VALUES - FACILITY CODE

NON-WASTE DETERMINATIONS AND SOLID WASTE VARIANCES (40 CFR 260.30)

Code	Name	Description
17	Variance for HSM Transferred for Reclamation and Managed at a Verified Reclamation Site	This code applies if you operate under an approved variance from EPA or your State for hazardous secondary materials that are transferred to you for reclamation under 40 CFR 261.4(a)(24) (see 40 CFR 260.31(d)). (If you have not obtained a variance to receive hazardous secondary material under this exclusion and, instead, have a RCRA Part B permit or operate under interim status standards, use code 07).
18	Variance for HSM Transferred and managed at a Verified Intermediate Site	This code applies if you operate under an apporved variance from EPA or your State for hazardous secondary materials that are transferred to you for storage greater than 10 days under 40 CFR 261.4(a)(24) (see 40 CFR 260.31(d)). (If you have not obtained a variance to receive hazardous secondary material under this exclusion and, instead, have a RCRA Part B permit or operate under interim status standards as an intermediate site, use code 08).
19	Variance for HSM Imported and Managed at a Verified Reclamation Site	This code applies if you operate under an approved variance from EPA or your State for hazardous secondary materials that are imported to you for reclamation at your site under 40 CFR 261.4(a)(24) (see 40 CFR 260.31(d)). (If you have not obtained a variance to receive hazardous secondary material under this exclusion and, instead, have a RCRA Part B permit or operate under interim status standards, use code 07).

NATIONALLY-DEFINED VALUES - EPISODIC EVENT TYPE

Code	Description
PCI	Planned - Excess Chemical Inventory
PTC	Planned - Tank Clean-outs
PCD	Planned - Short-term Construction or Demolition
PEM	Planned - Equipment Maintenance During Plant Shutdowns
POT	Planned - Other
UAS	Unplanned - Accidental Spill
UPU	Unplanned - Production Process Upset
UPR	Unplanned - Product Recall
UAN	Unplanned - Act of Nature
UOT	Unplanned - Other

NATIONALLY-DEFINED VALUES - FEDERAL WASTE GENERATOR STATUS

Code	Name	Description
1	Large Quantity Generator	Sites that: - generate 1,000 kg or more of hazardous waste during any calendar month; or - generate more than 1 kg of acutely hazardous waste during any calendar month; or - generate more than 100 kg of any residue or contaminated soil, waste, or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or - generate 1 kg or less of acutely hazardous waste during any calendar month, and accumulate more than 1 kg of acutely hazardous waste at any time; or - generate 100 kg or less of any residue or contaminated soil, waste, or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulated more than 100 kg of that material at any time.
2	Small Quantity Generator	Sites that: - generate more than 100 and less than 1,000 kg of hazardous waste during any calendar month and accumulate less than 6,000 kg of hazardous waste at any time; or - generate 100 kg or less of hazardous waste during any calendar month, and accumulate more than 1,000 kg of hazardous waste at any time.
3	Very Small Quantity Generator (formerly Conditionally-Exempt Small Quantity Generator)	Sites that: - generate 100 kg or less of hazardous waste per calendar month, and accumulate 1,000 kg or less of hazardous waste at any time; or - generate 1 kg or less of acutely hazardous waste per calendar month, and accumulate at any time: a) 1 kg or less of acutely hazardous waste; or b) 100 kg or less of any residue or contaminated soil, waste, or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or - generate 100 kg or less of any residue or contaminated soil, waste, or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulate at any time: a) 1 kg or less of acutely hazardous waste; or b) 100 kg or less of any residue or contaminated soil, waste, or other debris resulting from the cleanup of a spill into or on any land or water, of acutely hazardous waste.
N	Not a Generator, Verified	
P	Pending Based on Waste Analysis Results	***Note:*** *This status may only be associated with an "I" source record.*
U	Undetermined by the	***Note:*** *This status may only be associated with an "I" source record.*

	Implementer	

NATIONALLY-DEFINED VALUES - FOREIGN STATE

Country Code	State Code	Description
CA	AB	ALBERTA
CA	BC	BRITISH COLUMBIA
CA	MB	MANITOBA
CA	NB	NEW BRUNSWICK
CA	NL	NEWFOUNDLAND AND LABRRADOR
CA	NT	NORTHWEST TERRITORIES
CA	NS	NOVA SCOTIA
CA	NU	NUNAVUT
CA	ON	ONTARIO
CA	PE	PRINCE EDWARD ISLAND
CA	QC	QUEBEC
CA	SK	SASKATCHEWAN
CA	YT	YUKON
MX	AG	AGUASCALIENTES
MX	BC	BAJA CALIFORNIA NORTE
MX	BS	BAJA CALIFORNIA SUR
MX	CM	CAMPECHE
MX	CS	CHIAPAS
MX	CH	CHIHUAHUA
MX	CO	COAHUILA
MX	CL	COLIMA
MX	DF	DISTRITO FEDERAL
MX	DG	DURANGO
MX	GT	GUANAJUATO
MX	GR	GUERRERO
MX	HG	HIDALGO
MX	JA	JALISCO
MX	MI	MICHOACAN
MX	MO	MORELOS
MX	NA	NAYARIT
MX	NL	NUEVO LEON
MX	OA	OAXACA
MX	PU	PUEBLA
MX	QT	QUERETARO
MX	QR	QUINTANA ROO

MX	SL	SAN LUIS POTOSI
MX	SI	SINALOA
MX	SO	SONORA
MX	TB	TABASCO
MX	TM	TAMAULIPAS
MX	TL	TLAXCALA
MX	VE	VERACRUZ
MX	YU	YUCATAN
MX	ZA	ZACATECAS

NATIONALLY-DEFINED VALUES - HSM REASON FOR NOTIFICATION

Code	Description
I	Initial Notification
R	Re-notification
S	Stop Notification

NATIONALLY-DEFINED VALUES - INACTIVATION

Code	Description
CI	Combined/Consolidated EPA Id
CL	Verified Closed
NL	No Longer at this Location
NS	Not Conducting Subtitle C Activities
OB	Handler went Out of Business
OT	Other
RM	Returned/Undeliverable Mail

NATIONALLY-DEFINED VALUES - LAND-BASED UNIT

Code	Description
NA	Do not use land-based units to manage hazardous secondary material.
SI	Use surface impoundment(s) to manage hazardous secondary material. A surface impoundment is a natural topographic depression, man-made excavation or diked area formed primarily of earthen materials (although it may be lined with man-made materials), which is designed to hold an accumulation of liquid hazardous secondary materials or materials containing free liquids and which is not an injection well.
PL	Use pile(s) to manage hazardous secondary material. Pile means any non-containerized accumulation of solid, non-flowing hazardous secondary material that is used for storage and is not a containment building.
OT	Use other land-based unit(s) to manage hazardous secondary material.

NATIONALLY-DEFINED VALUES - LAND / OWNER / OPERATOR TYPE

Code	Description
C	County
D	District
F	Federal
I	Tribal
M	Municipal
O	Other
P	Private
S	State

NATIONALLY-DEFINED VALUES - NAICS CODES

Currently, NAICS Codes provided must be a 5 or 6 digit code. The '0' in the 6th digit is optional.

Code	Description
11111(0)	SOYBEAN FARMING
11112(0)	OILSEED (EXCEPT SOYBEAN) FARMING
11113(0)	DRY PEA AND BEAN FARMING
11114(0)	WHEAT FARMING
11115(0)	CORN FARMING
11116(0)	RICE FARMING
11119(0)	OTHER GRAIN FARMING
111191	OILSEED AND GRAIN COMBINATION FARMING
111199	ALL OTHER GRAIN FARMING
11121(0)	VEGETABLE AND MELON FARMING
111211	POTATO FARMING
111219	OTHER VEGETABLE (EXCEPT POTATO) AND MELON FARMING
11131(0)	ORANGE GROVES
11132(0)	CITRUS (EXCEPT ORANGE) GROVES
11133(0)	NONCITRUS FRUIT AND TREE NUT FARMING
111331	APPLE ORCHARDS
111332	GRAPE VINEYARDS
111333	STRAWBERRY FARMING
111334	BERRY (EXCEPT STRAWBERRY) FARMING
111335	TREE NUT FARMING
111336	FRUIT AND TREE NUT COMBINATION FARMING
111339	OTHER NONCITRUS FRUIT FARMING
11141(0)	FOOD CROPS GROWN UNDER COVER
111411	MUSHROOM PRODUCTION
111419	OTHER FOOD CROPS GROWN UNDER COVER
11142(0)	NURSERY AND FLORICULTURE PRODUCTION
111421	NURSERY AND TREE PRODUCTION
111422	FLORICULTURE PRODUCTION
11191(0)	TOBACCO FARMING
11192(0)	COTTON FARMING
11193(0)	SUGARCANE FARMING
11194(0)	HAY FARMING

11199(0)	ALL OTHER CROP FARMING
111991	SUGAR BEET FARMING
111992	PEANUT FARMING
111998	ALL OTHER MISCELLANEOUS CROP FARMING
11211(0)	BEEF CATTLE RANCHING AND FARMING, INCLUDING FEEDLOTS
112111	BEEF CATTLE RANCHING AND FARMING
112112	CATTLE FEEDLOTS
11212(0)	DAIRY CATTLE AND MILK PRODUCTION
11213(0)	DUAL-PURPOSE CATTLE RANCHING AND FARMING
11221(0)	HOG AND PIG FARMING
11231(0)	CHICKEN EGG PRODUCTION
11232(0)	BROILERS AND OTHER MEAT TYPE CHICKEN PRODUCTION
11233(0)	TURKEY PRODUCTION
11234(0)	POULTRY HATCHERIES
11239(0)	OTHER POULTRY PRODUCTION
11241(0)	SHEEP FARMING
11242(0)	GOAT FARMING
11251(0)	AQUACULTURE
112511	FINFISH FARMING AND FISH HATCHERIES
112512	SHELLFISH FARMING
112519	OTHER AQUACULTURE
11291(0)	APICULTURE
11292(0)	HORSES AND OTHER EQUINE PRODUCTION
11293(0)	FUR-BEARING ANIMAL AND RABBIT PRODUCTION
11299(0)	ALL OTHER ANIMAL PRODUCTION
11311(0)	TIMBER TRACT OPERATIONS
11321(0)	FOREST NURSERIES AND GATHERING OF FOREST PRODUCTS
11331(0)	LOGGING
11411(0)	FISHING
114111	FINFISH FISHING
114112	SHELLFISH FISHING
114119	OTHER MARINE FISHING
11421(0)	HUNTING AND TRAPPING
11511(0)	SUPPORT ACTIVITIES FOR CROP PRODUCTION
115111	COTTON GINNING
115112	SOIL PREPARATION, PLANTING, AND CULTIVATING
115113	CROP HARVESTING, PRIMARILY BY MACHINE
115114	POSTHARVEST CROP ACTIVITIES (EXCEPT COTTON GINNING)
115115	FARM LABOR CONTRACTORS AND CREW LEADERS

115116	FARM MANAGEMENT SERVICES
11521(0)	SUPPORT ACTIVITIES FOR ANIMAL PRODUCTION
11531(0)	SUPPORT ACTIVITIES FOR FORESTRY
21111(0)	OIL AND GAS EXTRACTION
211111	CRUDE PETROLEUM AND NATURAL GAS EXTRACTION
211112	NATURAL GAS LIQUID EXTRACTION
21211(0)	COAL MINING
212111	BITUMINOUS COAL AND LIGNITE SURFACE MINING
212112	BITUMINOUS COAL UNDERGROUND MINING
212113	ANTHRACITE MINING
21221(0)	IRON ORE MINING
21222(0)	GOLD ORE AND SILVER ORE MINING
212221	GOLD ORE MINING
212222	SILVER ORE MINING
21223(0)	COPPER, NICKEL, LEAD, AND ZINC MINING
212231	LEAD ORE AND ZINC ORE MINING
212234	COPPER ORE AND NICKEL ORE MINING
21229(0)	OTHER METAL ORE MINING
212291	URANIUM-RADIUM-VANADIUM ORE MINING
212299	ALL OTHER METAL ORE MINING
21231(0)	STONE MINING AND QUARRYING
212311	DIMENSION STONE MINING AND QUARRYING
212312	CRUSHED AND BROKEN LIMESTONE MINING AND QUARRYING
212313	CRUSHED AND BROKEN GRANITE MINING AND QUARRYING
212319	OTHER CRUSHED AND BROKEN STONE MINING AND QUARRYING
21232(0)	SAND, GRAVEL, CLAY, AND CERAMIC AND REFRACTORY MINERALS MINING AND QUARRYING
212321	CONSTRUCTION SAND AND GRAVEL MINING
212322	INDUSTRIAL SAND MINING
212324	KAOLIN AND BALL CLAY MINING
212325	CLAY AND CERAMIC AND REFRACTORY MINERALS MINING
21239(0)	OTHER NONMETALLIC MINERAL MINING AND QUARRYING
212391	POTASH, SODA, AND BORATE MINERAL MINING
212392	PHOSPHATE ROCK MINING
212393	OTHER CHEMICAL AND FERTILIZER MINERAL MINING
212399	ALL OTHER NONMETALLIC MINERAL MINING
21311(0)	SUPPORT ACTIVITIES FOR MINING
213111	DRILLING OIL AND GAS WELLS
213112	SUPPORT ACTIVITIES FOR OIL AND GAS OPERATIONS
213113	SUPPORT ACTIVITIES FOR COAL MINING

213114	SUPPORT ACTIVITIES FOR METAL MINING
213115	SUPPORT ACTIVITIES FOR NONMETALLIC MINERALS (EXCEPT FUELS) MINING
22111(0)	ELECTRIC POWER GENERATION
221111	HYDROELECTRIC POWER GENERATION
221112	FOSSIL FUEL ELECTRIC POWER GENERATION
221113	NUCLEAR ELECTRIC POWER GENERATION
221114	SOLAR ELECTRIC POWER GENERATION
221115	WIND ELECTRIC POWER GENERATION
221116	GEOTHERMAL ELECTRIC POWER GENERATION
221117	BIOMASS ELECTRIC POWER GENERATION
221118	OTHER ELECTRIC POWER GENERATION
22112(0)	ELECTRIC POWER TRANSMISSION, CONTROL, AND DISTRIBUTION
221121	ELECTRIC BULK POWER TRANSMISSION AND CONTROL
221122	ELECTRIC POWER DISTRIBUTION
22121(0)	NATURAL GAS DISTRIBUTION
22131(0)	WATER SUPPLY AND IRRIGATION SYSTEMS
22132(0)	SEWAGE TREATMENT FACILITIES
22133(0)	STEAM AND AIR-CONDITIONING SUPPLY
23611(0)	RESIDENTIAL BUILDING CONSTRUCTION
236115	NEW SINGLE-FAMILY HOUSING CONSTRUCTION (EXCEPT OPERATIVE BUILDERS)
236116	NEW MULTIFAMILY HOUSING CONSTRUCTION (EXCEPT OPERATIVE BUILDERS)
236117	NEW HOUSING OPERATIVE BUILDERS
236118	RESIDENTIAL REMODELERS
23621(0)	INDUSTRIAL BUILDING CONSTRUCTION
23622(0)	COMMERCIAL AND INSTITUTIONAL BUILDING CONSTRUCTION
23711(0)	WATER AND SEWER LINE AND RELATED STRUCTURES CONSTRUCTION
23712(0)	OIL AND GAS PIPELINE AND RELATED STRUCTURES CONSTRUCTION
23713(0)	POWER AND COMMUNICATION LINE AND RELATED STRUCTURES CONSTRUCTION
23721(0)	LAND SUBDIVISION
23731(0)	HIGHWAY, STREET, AND BRIDGE CONSTRUCTION
23799(0)	OTHER HEAVY AND CIVIL ENGINEERING CONSTRUCTION
23811(0)	POURED CONCRETE FOUNDATION AND STRUCTURE CONTRACTORS
23812(0)	STRUCTURAL STEEL AND PRECAST CONCRETE CONTRACTORS
23813(0)	FRAMING CONTRACTORS
23814(0)	MASONRY CONTRACTORS
23815(0)	GLASS AND GLAZING CONTRACTORS
23816(0)	ROOFING CONTRACTORS
23817(0)	SIDING CONTRACTORS
23819(0)	OTHER FOUNDATION, STRUCTURE, AND BUILDING EXTERIOR CONTRACTORS

23821(0)	ELECTRICAL CONTRACTORS AND OTHER WIRING INSTALLATION CONTRACTORS
23822(0)	PLUMBING, HEATING, AND AIR-CONDITIONING CONTRACTORS
23829(0)	OTHER BUILDING EQUIPMENT CONTRACTORS
23831(0)	DRYWALL AND INSULATION CONTRACTORS
23832(0)	PAINTING AND WALL COVERING CONTRACTORS
23833(0)	FLOORING CONTRACTORS
23834(0)	TILE AND TERRAZZO CONTRACTORS
23835(0)	FINISH CARPENTRY CONTRACTORS
23839(0)	OTHER BUILDING FINISHING CONTRACTORS
23891(0)	SITE PREPARATION CONTRACTORS
23899(0)	ALL OTHER SPECIALTY TRADE CONTRACTORS
31111(0)	ANIMAL FOOD MANUFACTURING
311111	DOG AND CAT FOOD MANUFACTURING
311119	OTHER ANIMAL FOOD MANUFACTURING
31121(0)	FLOUR MILLING AND MALT MANUFACTURING
311211	FLOUR MILLING
311212	RICE MILLING
311213	MALT MANUFACTURING
31122(0)	STARCH AND VEGETABLE FATS AND OILS MANUFACTURING
311221	WET CORN MILLING
311224	SOYBEAN AND OTHER OILSEED PROCESSING
311225	FATS AND OILS REFINING AND BLENDING
31123(0)	BREAKFAST CEREAL MANUFACTURING
31131(0)	SUGAR MANUFACTURING
311313	BEET SUGAR MANUFACTURING
311314	CANE SUGAR MANUFACTURING
31134(0)	NONCHOCOLATE CONFECTIONERY MANUFACTURING
31135(0)	CHOCOLATE AND CONFECTIONERY MANUFACTURING
311351	CHOCOLATE AND CONFECTIONERY MANUFACTURING FROM CACAO BEANS
311352	CONFECTIONERY MANUFACTURING FROM PURCHASED CHOCOLATE
31141(0)	FROZEN FOOD MANUFACTURING
311411	FROZEN FRUIT, JUICE, AND VEGETABLE MANUFACTURING
311412	FROZEN SPECIALTY FOOD MANUFACTURING
31142(0)	FRUIT AND VEGETABLE CANNING, PICKLING, AND DRYING
311421	FRUIT AND VEGETABLE CANNING
311422	SPECIALTY CANNING
311423	DRIED AND DEHYDRATED FOOD MANUFACTURING
31151(0)	DAIRY PRODUCT (EXCEPT FROZEN) MANUFACTURING
311511	FLUID MILK MANUFACTURING

311512	CREAMERY BUTTER MANUFACTURING
311513	CHEESE MANUFACTURING
311514	DRY, CONDENSED, AND EVAPORATED DAIRY PRODUCT MANUFACTURING
31152(0)	ICE CREAM AND FROZEN DESSERT MANUFACTURING
31161(0)	ANIMAL SLAUGHTERING AND PROCESSING
311611	ANIMAL (EXCEPT POULTRY) SLAUGHTERING
311612	MEAT PROCESSED FROM CARCASSES
311613	RENDERING AND MEAT BYPRODUCT PROCESSING
311615	POULTRY PROCESSING
31171(0)	SEAFOOD PRODUCT PREPARATION AND PACKAGING
31181(0)	BREAD AND BAKERY PRODUCT MANUFACTURING
311811	RETAIL BAKERIES
311812	COMMERCIAL BAKERIES
311813	FROZEN CAKES, PIES, AND OTHER PASTRIES MANUFACTURING
31182(0)	COOKIE, CRACKER, AND PASTA MANUFACTURING
311821	COOKIE AND CRACKER MANUFACTURING
311824	DRY PASTA, DOUGH, AND FLOUR MIXES MANUFACTURING FROM PURCHASED FLOUR
31183(0)	TORTILLA MANUFACTURING
31191(0)	SNACK FOOD MANUFACTURING
311911	ROASTED NUTS AND PEANUT BUTTER MANUFACTURING
311919	OTHER SNACK FOOD MANUFACTURING
31192(0)	COFFEE AND TEA MANUFACTURING
31193(0)	FLAVORING SYRUP AND CONCENTRATE MANUFACTURING
31194(0)	SEASONING AND DRESSING MANUFACTURING
311941	MAYONNAISE, DRESSING, AND OTHER PREPARED SAUCE MANUFACTURING
311942	SPICE AND EXTRACT MANUFACTURING
31199(0)	ALL OTHER FOOD MANUFACTURING
311991	PERISHABLE PREPARED FOOD MANUFACTURING
311999	ALL OTHER MISCELLANEOUS FOOD MANUFACTURING
31211(0)	SOFT DRINK AND ICE MANUFACTURING
312111	SOFT DRINK MANUFACTURING
312112	BOTTLED WATER MANUFACTURING
312113	ICE MANUFACTURING
31212(0)	BREWERIES
31213(0)	WINERIES
31214(0)	DISTILLERIES
31223(0)	TOBACCO MANUFACTURING
31311(0)	FIBER, YARN, AND THREAD MILLS
31321(0)	BROADWOVEN FABRIC MILLS

31322(0)	NARROW FABRIC MILLS AND SCHIFFLI MACHINE EMBROIDERY
31323(0)	NONWOVEN FABRIC MILLS
31324(0)	KNIT FABRIC MILLS
31331(0)	TEXTILE AND FABRIC FINISHING MILLS
31332(0)	FABRIC COATING MILLS
31411(0)	CARPET AND RUG MILLS
31412(0)	CURTAIN AND LINEN MILLS
31491(0)	TEXTILE BAG AND CANVAS MILLS
31499(0)	ALL OTHER TEXTILE PRODUCT MILLS
314994	ROPE, CORDAGE, TWINE, TIRE CORD, AND TIRE FABRIC MILLS
314999	ALL OTHER MISCELLANEOUS TEXTILE PRODUCT MILLS
31511(0)	HOSIERY AND SOCK MILLS
31519(0)	OTHER APPAREL KNITTING MILLS
31521(0)	CUT AND SEW APPAREL CONTRACTORS
31522(0)	MEN'S AND BOYS' CUT AND SEW APPAREL MANUFACTURING
31524(0)	WOMEN'S, GIRLS', AND INFANTS' CUT AND SEW APPAREL MANUFACTURING
31528(0)	OTHER CUT AND SEW APPAREL MANUFACTURING
31599(0)	APPAREL ACCESSORIES AND OTHER APPAREL MANUFACTURING
31611(0)	LEATHER AND HIDE TANNING AND FINISHING
31621(0)	FOOTWEAR MANUFACTURING
31699(0)	OTHER LEATHER AND ALLIED PRODUCT MANUFACTURING
316992	WOMEN'S HANDBAG AND PURSE MANUFACTURING
316998	ALL OTHER LEATHER GOOD AND ALLIED PRODUCT MANUFACTURING
32111(0)	SAWMILLS AND WOOD PRESERVATION
321113	SAWMILLS
321114	WOOD PRESERVATION
32121(0)	VENEER, PLYWOOD, AND ENGINEERED WOOD PRODUCT MANUFACTURING
321211	HARDWOOD VENEER AND PLYWOOD MANUFACTURING
321212	SOFTWOOD VENEER AND PLYWOOD MANUFACTURING
321213	ENGINEERED WOOD MEMBER (EXCEPT TRUSS) MANUFACTURING
321214	TRUSS MANUFACTURING
321219	RECONSTITUTED WOOD PRODUCT MANUFACTURING
32191(0)	MILLWORK
321911	WOOD WINDOW AND DOOR MANUFACTURING
321912	CUT STOCK, RESAWING LUMBER, AND PLANING
321918	OTHER MILLWORK (INCLUDING FLOORING)
32192(0)	WOOD CONTAINER AND PALLET MANUFACTURING
32199(0)	ALL OTHER WOOD PRODUCT MANUFACTURING
321991	MANUFACTURED HOME (MOBILE HOME) MANUFACTURING

321992	PREFABRICATED WOOD BUILDING MANUFACTURING
321999	ALL OTHER MISCELLANEOUS WOOD PRODUCT MANUFACTURING
32211(0)	PULP MILLS
32212(0)	PAPER MILLS
322121	PAPER (EXCEPT NEWSPRINT) MILLS
322122	NEWSPRINT MILLS
32213(0)	PAPERBOARD MILLS
32221(0)	PAPERBOARD CONTAINER MANUFACTURING
322211	CORRUGATED AND SOLID FIBER BOX MANUFACTURING
322212	FOLDING PAPERBOARD BOX MANUFACTURING
322219	OTHER PAPERBOARD CONTAINER MANUFACTURING
32222(0)	PAPER BAG AND COATED AND TREATED PAPER MANUFACTURING
32223(0)	STATIONERY PRODUCT MANUFACTURING
32229(0)	OTHER CONVERTED PAPER PRODUCT MANUFACTURING
322291	SANITARY PAPER PRODUCT MANUFACTURING
322299	ALL OTHER CONVERTED PAPER PRODUCT MANUFACTURING
32311(0)	PRINTING
323111	COMMERCIAL PRINTING (EXCEPT SCREEN AND BOOKS)
323113	COMMERCIAL SCREEN PRINTING
323117	BOOKS PRINTING
32312(0)	SUPPORT ACTIVITIES FOR PRINTING
32411(0)	PETROLEUM REFINERIES
32412(0)	ASPHALT PAVING, ROOFING, AND SATURATED MATERIALS MANUFACTURING
324121	ASPHALT PAVING MIXTURE AND BLOCK MANUFACTURING
324122	ASPHALT SHINGLE AND COATING MATERIALS MANUFACTURING
32419(0)	OTHER PETROLEUM AND COAL PRODUCTS MANUFACTURING
324191	PETROLEUM LUBRICATING OIL AND GREASE MANUFACTURING
324199	ALL OTHER PETROLEUM AND COAL PRODUCTS MANUFACTURING
32511(0)	PETROCHEMICAL MANUFACTURING
32512(0)	INDUSTRIAL GAS MANUFACTURING
32513(0)	SYNTHETIC DYE AND PIGMENT MANUFACTURING
32518(0)	OTHER BASIC INORGANIC CHEMICAL MANUFACTURING
32519(0)	OTHER BASIC ORGANIC CHEMICAL MANUFACTURING
325193	ETHYL ALCOHOL MANUFACTURING
325194	CYCLIC CRUDE, INTERMEDIATE, AND GUM AND WOOD CHEMICAL MANUFACTURING
325199	ALL OTHER BASIC ORGANIC CHEMICAL MANUFACTURING
32521(0)	RESIN AND SYNTHETIC RUBBER MANUFACTURING
325211	PLASTICS MATERIAL AND RESIN MANUFACTURING
325212	SYNTHETIC RUBBER MANUFACTURING

32522(0)	ARTIFICIAL AND SYNTHETIC FIBERS AND FILAMENTS MANUFACTURING
32531(0)	FERTILIZER MANUFACTURING
325311	NITROGENOUS FERTILIZER MANUFACTURING
325312	PHOSPHATIC FERTILIZER MANUFACTURING
325314	FERTILIZER (MIXING ONLY) MANUFACTURING
32532(0)	PESTICIDE AND OTHER AGRICULTURAL CHEMICAL MANUFACTURING
32541(0)	PHARMACEUTICAL AND MEDICINE MANUFACTURING
325411	MEDICINAL AND BOTANICAL MANUFACTURING
325412	PHARMACEUTICAL PREPARATION MANUFACTURING
325413	IN-VITRO DIAGNOSTIC SUBSTANCE MANUFACTURING
325414	BIOLOGICAL PRODUCT (EXCEPT DIAGNOSTIC) MANUFACTURING
32551(0)	PAINT AND COATING MANUFACTURING
32552(0)	ADHESIVE MANUFACTURING
32561(0)	SOAP AND CLEANING COMPOUND MANUFACTURING
325611	SOAP AND OTHER DETERGENT MANUFACTURING
325612	POLISH AND OTHER SANITATION GOOD MANUFACTURING
325613	SURFACE ACTIVE AGENT MANUFACTURING
32562(0)	TOILET PREPARATION MANUFACTURING
32591(0)	PRINTING INK MANUFACTURING
32592(0)	EXPLOSIVES MANUFACTURING
32599(0)	ALL OTHER CHEMICAL PRODUCT AND PREPARATION MANUFACTURING
325991	CUSTOM COMPOUNDING OF PURCHASED RESINS
325992	PHOTOGRAPHIC FILM, PAPER, PLATE, AND CHEMICAL MANUFACTURING
325998	ALL OTHER MISCELLANEOUS CHEMICAL PRODUCT AND PREPARATION MANUFACTURING
32611(0)	PLASTICS PACKAGING MATERIALS AND UNLAMINATED FILM AND SHEET MANUFACTURING
326111	PLASTICS BAG AND POUCH MANUFACTURING
326112	PLASTICS PACKAGING FILM AND SHEET (INCLUDING LAMINATED) MANUFACTURING
326113	UNLAMINATED PLASTICS FILM AND SHEET (EXCEPT PACKAGING) MANUFACTURING
32612(0)	PLASTICS PIPE, PIPE FITTING, AND UNLAMINATED PROFILE SHAPE MANUFACTURING
326121	UNLAMINATED PLASTICS PROFILE SHAPE MANUFACTURING
326122	PLASTICS PIPE AND PIPE FITTING MANUFACTURING
32613(0)	LAMINATED PLASTICS PLATE, SHEET (EXCEPT PACKAGING), AND SHAPE MANUFACTURING
32614(0)	POLYSTYRENE FOAM PRODUCT MANUFACTURING
32615(0)	URETHANE AND OTHER FOAM PRODUCT (EXCEPT POLYSTYRENE) MANUFACTURING
32616(0)	PLASTICS BOTTLE MANUFACTURING
32619(0)	OTHER PLASTICS PRODUCT MANUFACTURING
326191	PLASTICS PLUMBING FIXTURE MANUFACTURING
326199	ALL OTHER PLASTICS PRODUCT MANUFACTURING
32621(0)	TIRE MANUFACTURING

326211	TIRE MANUFACTURING (EXCEPT RETREADING)
326212	TIRE RETREADING
32622(0)	RUBBER AND PLASTICS HOSES AND BELTING MANUFACTURING
32629(0)	OTHER RUBBER PRODUCT MANUFACTURING
326291	RUBBER PRODUCT MANUFACTURING FOR MECHANICAL USE
326299	ALL OTHER RUBBER PRODUCT MANUFACTURING
32711(0)	POTTERY, CERAMICS, AND PLUMBING FIXTURE MANUFACTURING
32712(0)	CLAY BUILDING MATERIAL AND REFRACTORIES MANUFACTURING
32721(0)	GLASS AND GLASS PRODUCT MANUFACTURING
327211	FLAT GLASS MANUFACTURING
327212	OTHER PRESSED AND BLOWN GLASS AND GLASSWARE MANUFACTURING
327213	GLASS CONTAINER MANUFACTURING
327215	GLASS PRODUCT MANUFACTURING MADE OF PURCHASED GLASS
32731(0)	CEMENT MANUFACTURING
32732(0)	READY-MIX CONCRETE MANUFACTURING
32733(0)	CONCRETE PIPE, BRICK, AND BLOCK MANUFACTURING
327331	CONCRETE BLOCK AND BRICK MANUFACTURING
327332	CONCRETE PIPE MANUFACTURING
32739(0)	OTHER CONCRETE PRODUCT MANUFACTURING
32741(0)	LIME MANUFACTURING
32742(0)	GYPSUM PRODUCT MANUFACTURING
32791(0)	ABRASIVE PRODUCT MANUFACTURING
32799(0)	ALL OTHER NONMETALLIC MINERAL PRODUCT MANUFACTURING
327991	CUT STONE AND STONE PRODUCT MANUFACTURING
327992	GROUND OR TREATED MINERAL AND EARTH MANUFACTURING
327993	MINERAL WOOL MANUFACTURING
327999	ALL OTHER MISCELLANEOUS NONMETALLIC MINERAL PRODUCT MANUFACTURING
33111(0)	IRON AND STEEL MILLS AND FERROALLOY MANUFACTURING
33121(0)	IRON AND STEEL PIPE AND TUBE MANUFACTURING FROM PURCHASED STEEL
33122(0)	ROLLING AND DRAWING OF PURCHASED STEEL
331221	ROLLED STEEL SHAPE MANUFACTURING
331222	STEEL WIRE DRAWING
33131(0)	ALUMINA AND ALUMINUM PRODUCTION AND PROCESSING
331313	ALUMINA REFINING AND PRIMARY ALUMINUM PRODUCTION
331314	SECONDARY SMELTING AND ALLOYING OF ALUMINUM
331315	ALUMINUM SHEET, PLATE, AND FOIL MANUFACTURING
331318	OTHER ALUMINUM ROLLING, DRAWING, AND EXTRUDING
33141(0)	NONFERROUS METAL (EXCEPT ALUMINUM) SMELTING AND REFINING
33142(0)	COPPER ROLLING, DRAWING, EXTRUDING, AND ALLOYING

33149(0)	NONFERROUS METAL (EXCEPT COPPER AND ALUMINUM) ROLLING, DRAWING, EXTRUDING, AND ALLOYING
331491	NONFERROUS METAL (EXCEPT COPPER AND ALUMINUM) ROLLING, DRAWING, AND EXTRUDING
331492	SECONDARY SMELTING, REFINING, AND ALLOYING OF NONFERROUS METAL (EXCEPT COPPER AND ALUMINUM)
33151(0)	FERROUS METAL FOUNDRIES
331511	IRON FOUNDRIES
331512	STEEL INVESTMENT FOUNDRIES
331513	STEEL FOUNDRIES (EXCEPT INVESTMENT)
33152(0)	NONFERROUS METAL FOUNDRIES
331523	NONFERROUS METAL DIE-CASTING FOUNDRIES
331524	ALUMINUM FOUNDRIES (EXCEPT DIE-CASTING)
331529	OTHER NONFERROUS METAL FOUNDRIES (EXCEPT DIE-CASTING)
33211(0)	FORGING AND STAMPING
332111	IRON AND STEEL FORGING
332112	NONFERROUS FORGING
332114	CUSTOM ROLL FORMING
332117	POWDER METALLURGY PART MANUFACTURING
332119	METAL CROWN, CLOSURE, AND OTHER METAL STAMPING (EXCEPT AUTOMOTIVE)
33221(0)	CUTLERY AND HANDTOOL MANUFACTURING
332215	METAL KITCHEN COOKWARE, UTENSIL, CUTLERY, AND FLATWARE (EXCEPT PRECIOUS) MANUFACTURING
332216	SAW BLADE AND HANDTOOL MANUFACTURING
33231(0)	PLATE WORK AND FABRICATED STRUCTURAL PRODUCT MANUFACTURING
332311	PREFABRICATED METAL BUILDING AND COMPONENT MANUFACTURING
332312	FABRICATED STRUCTURAL METAL MANUFACTURING
332313	PLATE WORK MANUFACTURING
33232(0)	ORNAMENTAL AND ARCHITECTURAL METAL PRODUCTS MANUFACTURING
332321	METAL WINDOW AND DOOR MANUFACTURING
332322	SHEET METAL WORK MANUFACTURING
332323	ORNAMENTAL AND ARCHITECTURAL METAL WORK MANUFACTURING
33241(0)	POWER BOILER AND HEAT EXCHANGER MANUFACTURING
33242(0)	METAL TANK (HEAVY GAUGE) MANUFACTURING
33243(0)	METAL CAN, BOX, AND OTHER METAL CONTAINER (LIGHT GAUGE) MANUFACTURING
332431	METAL CAN MANUFACTURING
332439	OTHER METAL CONTAINER MANUFACTURING
33251(0)	HARDWARE MANUFACTURING
33261(0)	SPRING AND WIRE PRODUCT MANUFACTURING
332613	SPRING MANUFACTURING

332618	OTHER FABRICATED WIRE PRODUCT MANUFACTURING
33271(0)	MACHINE SHOPS
33272(0)	TURNED PRODUCT AND SCREW, NUT, AND BOLT MANUFACTURING
332721	PRECISION TURNED PRODUCT MANUFACTURING
332722	BOLT, NUT, SCREW, RIVET, AND WASHER MANUFACTURING
33281(0)	COATING, ENGRAVING, HEAT TREATING, AND ALLIED ACTIVITIES
332811	METAL HEAT TREATING
332812	METAL COATING, ENGRAVING (EXCEPT JEWELRY AND SILVERWARE), AND ALLIED SERVICES TO MANUFACTURERS
332813	ELECTROPLATING, PLATING, POLISHING, ANODIZING, AND COLORING
33291(0)	METAL VALVE MANUFACTURING
332911	INDUSTRIAL VALVE MANUFACTURING
332912	FLUID POWER VALVE AND HOSE FITTING MANUFACTURING
332913	PLUMBING FIXTURE FITTING AND TRIM MANUFACTURING
332919	OTHER METAL VALVE AND PIPE FITTING MANUFACTURING
33299(0)	ALL OTHER FABRICATED METAL PRODUCT MANUFACTURING
332991	BALL AND ROLLER BEARING MANUFACTURING
332992	SMALL ARMS AMMUNITION MANUFACTURING
332993	AMMUNITION (EXCEPT SMALL ARMS) MANUFACTURING
332994	SMALL ARMS MANUFACTURING
332996	FABRICATED PIPE AND PIPE FITTING MANUFACTURING
332999	ALL OTHER MISCELLANEOUS FABRICATED METAL PRODUCT MANUFACTURING
33311(0)	AGRICULTURAL IMPLEMENT MANUFACTURING
333111	FARM MACHINERY AND EQUIPMENT MANUFACTURING
333112	LAWN AND GARDEN TRACTOR AND HOME LAWN AND GARDEN EQUIPMENT MANUFACTURING
33312(0)	CONSTRUCTION MACHINERY MANUFACTURING
33313(0)	MINING AND OIL AND GAS FIELD MACHINERY MANUFACTURING
333131	MINING MACHINERY AND EQUIPMENT MANUFACTURING
333132	OIL AND GAS FIELD MACHINERY AND EQUIPMENT MANUFACTURING
33324(0)	INDUSTRIAL MACHINERY MANUFACTURING
333241	FOOD PRODUCT MACHINERY MANUFACTURING
333242	SEMICONDUCTOR MACHINERY MANUFACTURING
333243	SAWMILL, WOODWORKING, AND PAPER MACHINERY MANUFACTURING
333244	PRINTING MACHINERY AND EQUIPMENT MANUFACTURING
333249	OTHER INDUSTRIAL MACHINERY MANUFACTURING
33331(0)	COMMERCIAL AND SERVICE INDUSTRY MACHINERY MANUFACTURING
333314	OPTICAL INSTRUMENT AND LENS MANUFACTURING
333316	PHOTOGRAPHIC AND PHOTOCOPYING EQUIPMENT MANUFACTURING

333318	OTHER COMMERCIAL AND SERVICE INDUSTRY MACHINERY MANUFACTURING
33341(0)	VENTILATION, HEATING, AIR-CONDITIONING, AND COMMERCIAL REFRIGERATION EQUIPMENT MANUFACTURING
333413	INDUSTRIAL AND COMMERCIAL FAN AND BLOWER AND AIR PURIFICATION EQUIPMENT MANUFACTURING
333414	HEATING EQUIPMENT (EXCEPT WARM AIR FURNACES) MANUFACTURING
333415	AIR-CONDITIONING AND WARM AIR HEATING EQUIPMENT AND COMMERCIAL AND INDUSTRIAL REFRIGERATION EQUIPMENT MANUFACTURING
33351(0)	METALWORKING MACHINERY MANUFACTURING
333511	INDUSTRIAL MOLD MANUFACTURING
333514	SPECIAL DIE AND TOOL, DIE SET, JIG, AND FIXTURE MANUFACTURING
333515	CUTTING TOOL AND MACHINE TOOL ACCESSORY MANUFACTURING
333517	MACHINE TOOL MANUFACTURING
333519	ROLLING MILL AND OTHER METALWORKING MACHINERY MANUFACTURING
33361(0)	ENGINE, TURBINE, AND POWER TRANSMISSION EQUIPMENT MANUFACTURING
333611	TURBINE AND TURBINE GENERATOR SET UNITS MANUFACTURING
333612	SPEED CHANGER, INDUSTRIAL HIGH-SPEED DRIVE, AND GEAR MANUFACTURING
333613	MECHANICAL POWER TRANSMISSION EQUIPMENT MANUFACTURING
333618	OTHER ENGINE EQUIPMENT MANUFACTURING
33391(0)	PUMP AND COMPRESSOR MANUFACTURING
333911	PUMP AND PUMPING EQUIPMENT MANUFACTURING
333912	AIR AND GAS COMPRESSOR MANUFACTURING
333913	MEASURING AND DISPENSING PUMP MANUFACTURING
33392(0)	MATERIAL HANDLING EQUIPMENT MANUFACTURING
333921	ELEVATOR AND MOVING STAIRWAY MANUFACTURING
333922	CONVEYOR AND CONVEYING EQUIPMENT MANUFACTURING
333923	OVERHEAD TRAVELING CRANE, HOIST, AND MONORAIL SYSTEM MANUFACTURING
333924	INDUSTRIAL TRUCK, TRACTOR, TRAILER, AND STACKER MACHINERY MANUFACTURING
33399(0)	ALL OTHER GENERAL PURPOSE MACHINERY MANUFACTURING
333991	POWER-DRIVEN HANDTOOL MANUFACTURING
333992	WELDING AND SOLDERING EQUIPMENT MANUFACTURING
333993	PACKAGING MACHINERY MANUFACTURING
333994	INDUSTRIAL PROCESS FURNACE AND OVEN MANUFACTURING
333995	FLUID POWER CYLINDER AND ACTUATOR MANUFACTURING
333996	FLUID POWER PUMP AND MOTOR MANUFACTURING
333997	SCALE AND BALANCE MANUFACTURING
333999	ALL OTHER MISCELLANEOUS GENERAL PURPOSE MACHINERY MANUFACTURING
33411(0)	COMPUTER AND PERIPHERAL EQUIPMENT MANUFACTURING
334111	ELECTRONIC COMPUTER MANUFACTURING

334112	COMPUTER STORAGE DEVICE MANUFACTURING
334118	COMPUTER TERMINAL AND OTHER COMPUTER PERIPHERAL EQUIPMENT MANUFACTURING
33421(0)	TELEPHONE APPARATUS MANUFACTURING
33422(0)	RADIO AND TELEVISION BROADCASTING AND WIRELESS COMMUNICATIONS EQUIPMENT MANUFACTURING
33429(0)	OTHER COMMUNICATIONS EQUIPMENT MANUFACTURING
33431(0)	AUDIO AND VIDEO EQUIPMENT MANUFACTURING
33441(0)	SEMICONDUCTOR AND OTHER ELECTRONIC COMPONENT MANUFACTURING
334412	BARE PRINTED CIRCUIT BOARD MANUFACTURING
334413	SEMICONDUCTOR AND RELATED DEVICE MANUFACTURING
334416	ELECTRONIC COIL, TRANSFORMER, AND OTHER INDUCTOR MANUFACTURING
334417	ELECTRONIC CONNECTOR MANUFACTURING
334418	PRINTED CIRCUIT ASSEMBLY (ELECTRONIC ASSEMBLY) MANUFACTURING
334419	OTHER ELECTRONIC COMPONENT MANUFACTURING
33451(0)	NAVIGATIONAL, MEASURING, ELECTROMEDICAL, AND CONTROL INSTRUMENTS MANUFACTURING
334511	SEARCH, DETECTION, NAVIGATION, GUIDANCE, AERONAUTICAL, AND NAUTICAL SYSTEM AND INSTRUMENT MANUFACTURING
334512	AUTOMATIC ENVIRONMENTAL CONTROL MANUFACTURING FOR RESIDENTIAL, COMMERCIAL, AND APPLIANCE USE
334513	INSTRUMENTS AND RELATED PRODUCTS MANUFACTURING FOR MEASURING, DISPLAYING, AND CONTROLLING INDUSTRIAL PROCESS VARIABLES
334514	TOTALIZING FLUID METER AND COUNTING DEVICE MANUFACTURING
334515	INSTRUMENT MANUFACTURING FOR MEASURING AND TESTING ELECTRICITY AND ELECTRICAL SIGNALS
334516	ANALYTICAL LABORATORY INSTRUMENT MANUFACTURING
334517	IRRADIATION APPARATUS MANUFACTURING
334519	OTHER MEASURING AND CONTROLLING DEVICE MANUFACTURING
33461(0)	MANUFACTURING AND REPRODUCING MAGNETIC AND OPTICAL MEDIA
334613	MAGNETIC AND OPTICAL RECORDING MEDIA MANUFACTURING
334614	SOFTWARE AND OTHER PRERECORDED COMPACT DISC, TAPE, AND RECORD REPRODUCING
33511(0)	ELECTRIC LAMP BULB AND PART MANUFACTURING
33512(0)	LIGHTING FIXTURE MANUFACTURING
335121	RESIDENTIAL ELECTRIC LIGHTING FIXTURE MANUFACTURING
335122	COMMERCIAL, INDUSTRIAL, AND INSTITUTIONAL ELECTRIC LIGHTING FIXTURE MANUFACTURING
335129	OTHER LIGHTING EQUIPMENT MANUFACTURING
33521(0)	SMALL ELECTRICAL APPLIANCE MANUFACTURING
33522(0)	MAJOR APPLIANCE MANUFACTURING
335221	HOUSEHOLD COOKING APPLIANCE MANUFACTURING
335222	HOUSEHOLD REFRIGERATOR AND HOME FREEZER MANUFACTURING

335224	HOUSEHOLD LAUNDRY EQUIPMENT MANUFACTURING
335228	OTHER MAJOR HOUSEHOLD APPLIANCE MANUFACTURING
33531(0)	ELECTRICAL EQUIPMENT MANUFACTURING
335311	POWER, DISTRIBUTION, AND SPECIALTY TRANSFORMER MANUFACTURING
335312	MOTOR AND GENERATOR MANUFACTURING
335313	SWITCHGEAR AND SWITCHBOARD APPARATUS MANUFACTURING
335314	RELAY AND INDUSTRIAL CONTROL MANUFACTURING
33591(0)	BATTERY MANUFACTURING
335911	STORAGE BATTERY MANUFACTURING
335912	PRIMARY BATTERY MANUFACTURING
33592(0)	COMMUNICATION AND ENERGY WIRE AND CABLE MANUFACTURING
335921	FIBER OPTIC CABLE MANUFACTURING
335929	OTHER COMMUNICATION AND ENERGY WIRE MANUFACTURING
33593(0)	WIRING DEVICE MANUFACTURING
335931	CURRENT-CARRYING WIRING DEVICE MANUFACTURING
335932	NONCURRENT-CARRYING WIRING DEVICE MANUFACTURING
33599(0)	ALL OTHER ELECTRICAL EQUIPMENT AND COMPONENT MANUFACTURING
335991	CARBON AND GRAPHITE PRODUCT MANUFACTURING
335999	ALL OTHER MISCELLANEOUS ELECTRICAL EQUIPMENT AND COMPONENT MANUFACTURING
33611(0)	AUTOMOBILE AND LIGHT DUTY MOTOR VEHICLE MANUFACTURING
336111	AUTOMOBILE MANUFACTURING
336112	LIGHT TRUCK AND UTILITY VEHICLE MANUFACTURING
33612(0)	HEAVY DUTY TRUCK MANUFACTURING
33621(0)	MOTOR VEHICLE BODY AND TRAILER MANUFACTURING
336211	MOTOR VEHICLE BODY MANUFACTURING
336212	TRUCK TRAILER MANUFACTURING
336213	MOTOR HOME MANUFACTURING
336214	TRAVEL TRAILER AND CAMPER MANUFACTURING
33631(0)	MOTOR VEHICLE GASOLINE ENGINE AND ENGINE PARTS MANUFACTURING
33632(0)	MOTOR VEHICLE ELECTRICAL AND ELECTRONIC EQUIPMENT MANUFACTURING
33633(0)	MOTOR VEHICLE STEERING AND SUSPENSION COMPONENTS (EXCEPT SPRING) MANUFACTURING
33634(0)	MOTOR VEHICLE BRAKE SYSTEM MANUFACTURING
33635(0)	MOTOR VEHICLE TRANSMISSION AND POWER TRAIN PARTS MANUFACTURING
33636(0)	MOTOR VEHICLE SEATING AND INTERIOR TRIM MANUFACTURING
33637(0)	MOTOR VEHICLE METAL STAMPING
33639(0)	OTHER MOTOR VEHICLE PARTS MANUFACTURING
33641(0)	AEROSPACE PRODUCT AND PARTS MANUFACTURING
336411	AIRCRAFT MANUFACTURING

336412	AIRCRAFT ENGINE AND ENGINE PARTS MANUFACTURING
336413	OTHER AIRCRAFT PARTS AND AUXILIARY EQUIPMENT MANUFACTURING
336414	GUIDED MISSILE AND SPACE VEHICLE MANUFACTURING
336415	GUIDED MISSILE AND SPACE VEHICLE PROPULSION UNIT AND PROPULSION UNIT PARTS MANUFACTURING
336419	OTHER GUIDED MISSILE AND SPACE VEHICLE PARTS AND AUXILIARY EQUIPMENT MANUFACTURING
33651(0)	RAILROAD ROLLING STOCK MANUFACTURING
33661(0)	SHIP AND BOAT BUILDING
336611	SHIP BUILDING AND REPAIRING
336612	BOAT BUILDING
33699(0)	OTHER TRANSPORTATION EQUIPMENT MANUFACTURING
336991	MOTORCYCLE, BICYCLE, AND PARTS MANUFACTURING
336992	MILITARY ARMORED VEHICLE, TANK, AND TANK COMPONENT MANUFACTURING
336999	ALL OTHER TRANSPORTATION EQUIPMENT MANUFACTURING
33711(0)	WOOD KITCHEN CABINET AND COUNTERTOP MANUFACTURING
33712(0)	HOUSEHOLD AND INSTITUTIONAL FURNITURE MANUFACTURING
337121	UPHOLSTERED HOUSEHOLD FURNITURE MANUFACTURING
337122	NONUPHOLSTERED WOOD HOUSEHOLD FURNITURE MANUFACTURING
337124	METAL HOUSEHOLD FURNITURE MANUFACTURING
337125	HOUSEHOLD FURNITURE (EXCEPT WOOD AND METAL) MANUFACTURING
337127	INSTITUTIONAL FURNITURE MANUFACTURING
33721(0)	OFFICE FURNITURE (INCLUDING FIXTURES) MANUFACTURING
337211	WOOD OFFICE FURNITURE MANUFACTURING
337212	CUSTOM ARCHITECTURAL WOODWORK AND MILLWORK MANUFACTURING
337214	OFFICE FURNITURE (EXCEPT WOOD) MANUFACTURING
337215	SHOWCASE, PARTITION, SHELVING, AND LOCKER MANUFACTURING
33791(0)	MATTRESS MANUFACTURING
33792(0)	BLIND AND SHADE MANUFACTURING
33911(0)	MEDICAL EQUIPMENT AND SUPPLIES MANUFACTURING
339112	SURGICAL AND MEDICAL INSTRUMENT MANUFACTURING
339113	SURGICAL APPLIANCE AND SUPPLIES MANUFACTURING
339114	DENTAL EQUIPMENT AND SUPPLIES MANUFACTURING
339115	OPHTHALMIC GOODS MANUFACTURING
339116	DENTAL LABORATORIES
33991(0)	JEWELRY AND SILVERWARE MANUFACTURING
33992(0)	SPORTING AND ATHLETIC GOODS MANUFACTURING
33993(0)	DOLL, TOY, AND GAME MANUFACTURING
33994(0)	OFFICE SUPPLIES (EXCEPT PAPER) MANUFACTURING

33995(0)	SIGN MANUFACTURING
33999(0)	ALL OTHER MISCELLANEOUS MANUFACTURING
339991	GASKET, PACKING, AND SEALING DEVICE MANUFACTURING
339992	MUSICAL INSTRUMENT MANUFACTURING
339993	FASTENER, BUTTON, NEEDLE, AND PIN MANUFACTURING
339994	BROOM, BRUSH, AND MOP MANUFACTURING
339995	BURIAL CASKET MANUFACTURING
339999	ALL OTHER MISCELLANEOUS MANUFACTURING
42311(0)	AUTOMOBILE AND OTHER MOTOR VEHICLE MERCHANT WHOLESALERS
42312(0)	MOTOR VEHICLE SUPPLIES AND NEW PARTS MERCHANT WHOLESALERS
42313(0)	TIRE AND TUBE MERCHANT WHOLESALERS
42314(0)	MOTOR VEHICLE PARTS (USED) MERCHANT WHOLESALERS
42321(0)	FURNITURE MERCHANT WHOLESALERS
42322(0)	HOME FURNISHING MERCHANT WHOLESALERS
42331(0)	LUMBER, PLYWOOD, MILLWORK, AND WOOD PANEL MERCHANT WHOLESALERS
42332(0)	BRICK, STONE, AND RELATED CONSTRUCTION MATERIAL MERCHANT WHOLESALERS
42333(0)	ROOFING, SIDING, AND INSULATION MATERIAL MERCHANT WHOLESALERS
42339(0)	OTHER CONSTRUCTION MATERIAL MERCHANT WHOLESALERS
42341(0)	PHOTOGRAPHIC EQUIPMENT AND SUPPLIES MERCHANT WHOLESALERS
42342(0)	OFFICE EQUIPMENT MERCHANT WHOLESALERS
42343(0)	COMPUTER AND COMPUTER PERIPHERAL EQUIPMENT AND SOFTWARE MERCHANT WHOLESALERS
42344(0)	OTHER COMMERCIAL EQUIPMENT MERCHANT WHOLESALERS
42345(0)	MEDICAL, DENTAL, AND HOSPITAL EQUIPMENT AND SUPPLIES MERCHANT WHOLESALERS
42346(0)	OPHTHALMIC GOODS MERCHANT WHOLESALERS
42349(0)	OTHER PROFESSIONAL EQUIPMENT AND SUPPLIES MERCHANT WHOLESALERS
42351(0)	METAL SERVICE CENTERS AND OTHER METAL MERCHANT WHOLESALERS
42352(0)	COAL AND OTHER MINERAL AND ORE MERCHANT WHOLESALERS
42361(0)	ELECTRICAL APPARATUS AND EQUIPMENT, WIRING SUPPLIES, AND RELATED EQUIPMENT MERCHANT WHOLESALERS
42362(0)	ELECTRICAL AND ELECTRONIC APPLIANCE, TELEVISION, AND RADIO SET MERCHANT WHOLESALERS
42369(0)	OTHER ELECTRONIC PARTS AND EQUIPMENT MERCHANT WHOLESALERS
42371(0)	HARDWARE MERCHANT WHOLESALERS
42372(0)	PLUMBING AND HEATING EQUIPMENT AND SUPPLIES (HYDRONICS) MERCHANT WHOLESALERS
42373(0)	WARM AIR HEATING AND AIR-CONDITIONING EQUIPMENT AND SUPPLIES MERCHANT WHOLESALERS
42374(0)	REFRIGERATION EQUIPMENT AND SUPPLIES MERCHANT WHOLESALERS
42381(0)	CONSTRUCTION AND MINING (EXCEPT OIL WELL) MACHINERY AND EQUIPMENT MERCHANT

	WHOLESALERS
42382(0)	FARM AND GARDEN MACHINERY AND EQUIPMENT MERCHANT WHOLESALERS
42383(0)	INDUSTRIAL MACHINERY AND EQUIPMENT MERCHANT WHOLESALERS
42384(0)	INDUSTRIAL SUPPLIES MERCHANT WHOLESALERS
42385(0)	SERVICE ESTABLISHMENT EQUIPMENT AND SUPPLIES MERCHANT WHOLESALERS
42386(0)	TRANSPORTATION EQUIPMENT AND SUPPLIES (EXCEPT MOTOR VEHICLE) MERCHANT WHOLESALERS
42391(0)	SPORTING AND RECREATIONAL GOODS AND SUPPLIES MERCHANT WHOLESALERS
42392(0)	TOY AND HOBBY GOODS AND SUPPLIES MERCHANT WHOLESALERS
42393(0)	RECYCLABLE MATERIAL MERCHANT WHOLESALERS
42394(0)	JEWELRY, WATCH, PRECIOUS STONE, AND PRECIOUS METAL MERCHANT WHOLESALERS
42399(0)	OTHER MISCELLANEOUS DURABLE GOODS MERCHANT WHOLESALERS
42411(0)	PRINTING AND WRITING PAPER MERCHANT WHOLESALERS
42412(0)	STATIONERY AND OFFICE SUPPLIES MERCHANT WHOLESALERS
42413(0)	INDUSTRIAL AND PERSONAL SERVICE PAPER MERCHANT WHOLESALERS
42421(0)	DRUGS AND DRUGGISTS' SUNDRIES MERCHANT WHOLESALERS
42431(0)	PIECE GOODS, NOTIONS, AND OTHER DRY GOODS MERCHANT WHOLESALERS
42432(0)	MEN'S AND BOYS' CLOTHING AND FURNISHINGS MERCHANT WHOLESALERS
42433(0)	WOMEN'S, CHILDREN'S, AND INFANTS' CLOTHING AND ACCESSORIES MERCHANT WHOLESALERS
42434(0)	FOOTWEAR MERCHANT WHOLESALERS
42441(0)	GENERAL LINE GROCERY MERCHANT WHOLESALERS
42442(0)	PACKAGED FROZEN FOOD MERCHANT WHOLESALERS
42443(0)	DAIRY PRODUCT (EXCEPT DRIED OR CANNED) MERCHANT WHOLESALERS
42444(0)	POULTRY AND POULTRY PRODUCT MERCHANT WHOLESALERS
42445(0)	CONFECTIONERY MERCHANT WHOLESALERS
42446(0)	FISH AND SEAFOOD MERCHANT WHOLESALERS
42447(0)	MEAT AND MEAT PRODUCT MERCHANT WHOLESALERS
42448(0)	FRESH FRUIT AND VEGETABLE MERCHANT WHOLESALERS
42449(0)	OTHER GROCERY AND RELATED PRODUCTS MERCHANT WHOLESALERS
42451(0)	GRAIN AND FIELD BEAN MERCHANT WHOLESALERS
42452(0)	LIVESTOCK MERCHANT WHOLESALERS
42459(0)	OTHER FARM PRODUCT RAW MATERIAL MERCHANT WHOLESALERS
42461(0)	PLASTICS MATERIALS AND BASIC FORMS AND SHAPES MERCHANT WHOLESALERS
42469(0)	OTHER CHEMICAL AND ALLIED PRODUCTS MERCHANT WHOLESALERS
42471(0)	PETROLEUM BULK STATIONS AND TERMINALS
42472(0)	PETROLEUM AND PETROLEUM PRODUCTS MERCHANT WHOLESALERS (EXCEPT BULK STATIONS AND TERMINALS)
42481(0)	BEER AND ALE MERCHANT WHOLESALERS

42482(0)	WINE AND DISTILLED ALCOHOLIC BEVERAGE MERCHANT WHOLESALERS
42491(0)	FARM SUPPLIES MERCHANT WHOLESALERS
42492(0)	BOOK, PERIODICAL, AND NEWSPAPER MERCHANT WHOLESALERS
42493(0)	FLOWER, NURSERY STOCK, AND FLORISTS' SUPPLIES MERCHANT WHOLESALERS
42494(0)	TOBACCO AND TOBACCO PRODUCT MERCHANT WHOLESALERS
42495(0)	PAINT, VARNISH, AND SUPPLIES MERCHANT WHOLESALERS
42499(0)	OTHER MISCELLANEOUS NONDURABLE GOODS MERCHANT WHOLESALERS
42511(0)	BUSINESS TO BUSINESS ELECTRONIC MARKETS
42512(0)	WHOLESALE TRADE AGENTS AND BROKERS
44111(0)	NEW CAR DEALERS
44112(0)	USED CAR DEALERS
44121(0)	RECREATIONAL VEHICLE DEALERS
44122(0)	MOTORCYCLE, BOAT, AND OTHER MOTOR VEHICLE DEALERS
441222	BOAT DEALERS
441228	MOTORCYCLE, ATV, AND ALL OTHER MOTOR VEHICLE DEALERS
44131(0)	AUTOMOTIVE PARTS AND ACCESSORIES STORES
44132(0)	TIRE DEALERS
44211(0)	FURNITURE STORES
44221(0)	FLOOR COVERING STORES
44229(0)	OTHER HOME FURNISHINGS STORES
442291	WINDOW TREATMENT STORES
442299	ALL OTHER HOME FURNISHINGS STORES
44314(0)	ELECTRONICS AND APPLIANCE STORES
443141	HOUSEHOLD APPLIANCE STORES
443142	ELECTRONICS STORES
44411(0)	HOME CENTERS
44412(0)	PAINT AND WALLPAPER STORES
44413(0)	HARDWARE STORES
44419(0)	OTHER BUILDING MATERIAL DEALERS
44421(0)	OUTDOOR POWER EQUIPMENT STORES
44422(0)	NURSERY, GARDEN CENTER, AND FARM SUPPLY STORES
44511(0)	SUPERMARKETS AND OTHER GROCERY (EXCEPT CONVENIENCE) STORES
44512(0)	CONVENIENCE STORES
44521(0)	MEAT MARKETS
44522(0)	FISH AND SEAFOOD MARKETS
44523(0)	FRUIT AND VEGETABLE MARKETS
44529(0)	OTHER SPECIALTY FOOD STORES
445291	BAKED GOODS STORES
445292	CONFECTIONERY AND NUT STORES

445299	ALL OTHER SPECIALTY FOOD STORES
44531(0)	BEER, WINE, AND LIQUOR STORES
44611(0)	PHARMACIES AND DRUG STORES
44612(0)	COSMETICS, BEAUTY SUPPLIES, AND PERFUME STORES
44613(0)	OPTICAL GOODS STORES
44619(0)	OTHER HEALTH AND PERSONAL CARE STORES
446191	FOOD (HEALTH) SUPPLEMENT STORES
446199	ALL OTHER HEALTH AND PERSONAL CARE STORES
44711(0)	GASOLINE STATIONS WITH CONVENIENCE STORES
44719(0)	OTHER GASOLINE STATIONS
44811(0)	MEN'S CLOTHING STORES
44812(0)	WOMEN'S CLOTHING STORES
44813(0)	CHILDREN'S AND INFANTS' CLOTHING STORES
44814(0)	FAMILY CLOTHING STORES
44815(0)	CLOTHING ACCESSORIES STORES
44819(0)	OTHER CLOTHING STORES
44821(0)	SHOE STORES
44831(0)	JEWELRY STORES
44832(0)	LUGGAGE AND LEATHER GOODS STORES
45111(0)	SPORTING GOODS STORES
45112(0)	HOBBY, TOY, AND GAME STORES
45113(0)	SEWING, NEEDLEWORK, AND PIECE GOODS STORES
45114(0)	MUSICAL INSTRUMENT AND SUPPLIES STORES
45121(0)	BOOK STORES AND NEWS DEALERS
451211	BOOK STORES
451212	NEWS DEALERS AND NEWSSTANDS
45211(0)	DEPARTMENT STORES
452111	DEPARTMENT STORES (EXCEPT DISCOUNT DEPARTMENT STORES)
452112	DISCOUNT DEPARTMENT STORES
45291(0)	WAREHOUSE CLUBS AND SUPERCENTERS
45299(0)	ALL OTHER GENERAL MERCHANDISE STORES
45311(0)	FLORISTS
45321(0)	OFFICE SUPPLIES AND STATIONERY STORES
45322(0)	GIFT, NOVELTY, AND SOUVENIR STORES
45331(0)	USED MERCHANDISE STORES
45391(0)	PET AND PET SUPPLIES STORES
45392(0)	ART DEALERS
45393(0)	MANUFACTURED (MOBILE) HOME DEALERS
45399(0)	ALL OTHER MISCELLANEOUS STORE RETAILERS

453991	TOBACCO STORES
453998	ALL OTHER MISCELLANEOUS STORE RETAILERS (EXCEPT TOBACCO STORES)
45411(0)	ELECTRONIC SHOPPING AND MAIL-ORDER HOUSES
454111	ELECTRONIC SHOPPING
454112	ELECTRONIC AUCTIONS
454113	MAIL-ORDER HOUSES
45421(0)	VENDING MACHINE OPERATORS
45431(0)	FUEL DEALERS
45439(0)	OTHER DIRECT SELLING ESTABLISHMENTS
48111(0)	SCHEDULED AIR TRANSPORTATION
481111	SCHEDULED PASSENGER AIR TRANSPORTATION
481112	SCHEDULED FREIGHT AIR TRANSPORTATION
48121(0)	NONSCHEDULED AIR TRANSPORTATION
481211	NONSCHEDULED CHARTERED PASSENGER AIR TRANSPORTATION
481212	NONSCHEDULED CHARTERED FREIGHT AIR TRANSPORTATION
481219	OTHER NONSCHEDULED AIR TRANSPORTATION
48211(0)	RAIL TRANSPORTATION
482111	LINE-HAUL RAILROADS
482112	SHORT LINE RAILROADS
48311(0)	DEEP SEA, COASTAL, AND GREAT LAKES WATER TRANSPORTATION
483111	DEEP SEA FREIGHT TRANSPORTATION
483112	DEEP SEA PASSENGER TRANSPORTATION
483113	COASTAL AND GREAT LAKES FREIGHT TRANSPORTATION
483114	COASTAL AND GREAT LAKES PASSENGER TRANSPORTATION
48321(0)	INLAND WATER TRANSPORTATION
483211	INLAND WATER FREIGHT TRANSPORTATION
483212	INLAND WATER PASSENGER TRANSPORTATION
48411(0)	GENERAL FREIGHT TRUCKING, LOCAL
48412(0)	GENERAL FREIGHT TRUCKING, LONG-DISTANCE
484121	GENERAL FREIGHT TRUCKING, LONG-DISTANCE, TRUCKLOAD
484122	GENERAL FREIGHT TRUCKING, LONG-DISTANCE, LESS THAN TRUCKLOAD
48421(0)	USED HOUSEHOLD AND OFFICE GOODS MOVING
48422(0)	SPECIALIZED FREIGHT (EXCEPT USED GOODS) TRUCKING, LOCAL
48423(0)	SPECIALIZED FREIGHT (EXCEPT USED GOODS) TRUCKING, LONG-DISTANCE
48511(0)	URBAN TRANSIT SYSTEMS
485111	MIXED MODE TRANSIT SYSTEMS
485112	COMMUTER RAIL SYSTEMS
485113	BUS AND OTHER MOTOR VEHICLE TRANSIT SYSTEMS
485119	OTHER URBAN TRANSIT SYSTEMS

48521(0)	INTERURBAN AND RURAL BUS TRANSPORTATION
48531(0)	TAXI SERVICE
48532(0)	LIMOUSINE SERVICE
48541(0)	SCHOOL AND EMPLOYEE BUS TRANSPORTATION
48551(0)	CHARTER BUS INDUSTRY
48599(0)	OTHER TRANSIT AND GROUND PASSENGER TRANSPORTATION
485991	SPECIAL NEEDS TRANSPORTATION
485999	ALL OTHER TRANSIT AND GROUND PASSENGER TRANSPORTATION
48611(0)	PIPELINE TRANSPORTATION OF CRUDE OIL
48621(0)	PIPELINE TRANSPORTATION OF NATURAL GAS
48691(0)	PIPELINE TRANSPORTATION OF REFINED PETROLEUM PRODUCTS
48699(0)	ALL OTHER PIPELINE TRANSPORTATION
48711(0)	SCENIC AND SIGHTSEEING TRANSPORTATION, LAND
48721(0)	SCENIC AND SIGHTSEEING TRANSPORTATION, WATER
48799(0)	SCENIC AND SIGHTSEEING TRANSPORTATION, OTHER
48811(0)	AIRPORT OPERATIONS
488111	AIR TRAFFIC CONTROL
488119	OTHER AIRPORT OPERATIONS
48819(0)	OTHER SUPPORT ACTIVITIES FOR AIR TRANSPORTATION
48821(0)	SUPPORT ACTIVITIES FOR RAIL TRANSPORTATION
48831(0)	PORT AND HARBOR OPERATIONS
48832(0)	MARINE CARGO HANDLING
48833(0)	NAVIGATIONAL SERVICES TO SHIPPING
48839(0)	OTHER SUPPORT ACTIVITIES FOR WATER TRANSPORTATION
48841(0)	MOTOR VEHICLE TOWING
48849(0)	OTHER SUPPORT ACTIVITIES FOR ROAD TRANSPORTATION
48851(0)	FREIGHT TRANSPORTATION ARRANGEMENT
48899(0)	OTHER SUPPORT ACTIVITIES FOR TRANSPORTATION
488991	PACKING AND CRATING
488999	ALL OTHER SUPPORT ACTIVITIES FOR TRANSPORTATION
49111(0)	POSTAL SERVICE
49211(0)	COURIERS AND EXPRESS DELIVERY SERVICES
49221(0)	LOCAL MESSENGERS AND LOCAL DELIVERY
49311(0)	GENERAL WAREHOUSING AND STORAGE
49312(0)	REFRIGERATED WAREHOUSING AND STORAGE
49313(0)	FARM PRODUCT WAREHOUSING AND STORAGE
49319(0)	OTHER WAREHOUSING AND STORAGE
51111(0)	NEWSPAPER PUBLISHERS
51112(0)	PERIODICAL PUBLISHERS

51113(0)	BOOK PUBLISHERS
51114(0)	DIRECTORY AND MAILING LIST PUBLISHERS
51119(0)	OTHER PUBLISHERS
511191	GREETING CARD PUBLISHERS
511199	ALL OTHER PUBLISHERS
51121(0)	SOFTWARE PUBLISHERS
51211(0)	MOTION PICTURE AND VIDEO PRODUCTION
51212(0)	MOTION PICTURE AND VIDEO DISTRIBUTION
51213(0)	MOTION PICTURE AND VIDEO EXHIBITION
512131	MOTION PICTURE THEATERS (EXCEPT DRIVE-INS)
512132	DRIVE-IN MOTION PICTURE THEATERS
51219(0)	POSTPRODUCTION SERVICES AND OTHER MOTION PICTURE AND VIDEO INDUSTRIES
512191	TELEPRODUCTION AND OTHER POSTPRODUCTION SERVICES
512199	OTHER MOTION PICTURE AND VIDEO INDUSTRIES
51221(0)	RECORD PRODUCTION
51222(0)	INTEGRATED RECORD PRODUCTION/DISTRIBUTION
51223(0)	MUSIC PUBLISHERS
51224(0)	SOUND RECORDING STUDIOS
51229(0)	OTHER SOUND RECORDING INDUSTRIES
51511(0)	RADIO BROADCASTING
515111	RADIO NETWORKS
515112	RADIO STATIONS
51512(0)	TELEVISION BROADCASTING
51521(0)	CABLE AND OTHER SUBSCRIPTION PROGRAMMING
51711(0)	WIRED TELECOMMUNICATIONS CARRIERS
51721(0)	WIRELESS TELECOMMUNICATIONS CARRIERS (EXCEPT SATELLITE)
51741(0)	SATELLITE TELECOMMUNICATIONS
51791(0)	OTHER TELECOMMUNICATIONS
517911	TELECOMMUNICATIONS RESELLERS
517919	ALL OTHER TELECOMMUNICATIONS
51821(0)	DATA PROCESSING, HOSTING, AND RELATED SERVICES
51911(0)	NEWS SYNDICATES
51912(0)	LIBRARIES AND ARCHIVES
51913(0)	INTERNET PUBLISHING AND BROADCASTING AND WEB SEARCH PORTALS
51919(0)	ALL OTHER INFORMATION SERVICES
52111(0)	MONETARY AUTHORITIES-CENTRAL BANK
52211(0)	COMMERCIAL BANKING
52212(0)	SAVINGS INSTITUTIONS
52213(0)	CREDIT UNIONS

52219(0)	OTHER DEPOSITORY CREDIT INTERMEDIATION
52221(0)	CREDIT CARD ISSUING
52222(0)	SALES FINANCING
52229(0)	OTHER NONDEPOSITORY CREDIT INTERMEDIATION
522291	CONSUMER LENDING
522292	REAL ESTATE CREDIT
522293	INTERNATIONAL TRADE FINANCING
522294	SECONDARY MARKET FINANCING
522298	ALL OTHER NONDEPOSITORY CREDIT INTERMEDIATION
52231(0)	MORTGAGE AND NONMORTGAGE LOAN BROKERS
52232(0)	FINANCIAL TRANSACTIONS PROCESSING, RESERVE, AND CLEARINGHOUSE ACTIVITIES
52239(0)	OTHER ACTIVITIES RELATED TO CREDIT INTERMEDIATION
52311(0)	INVESTMENT BANKING AND SECURITIES DEALING
52312(0)	SECURITIES BROKERAGE
52313(0)	COMMODITY CONTRACTS DEALING
52314(0)	COMMODITY CONTRACTS BROKERAGE
52321(0)	SECURITIES AND COMMODITY EXCHANGES
52391(0)	MISCELLANEOUS INTERMEDIATION
52392(0)	PORTFOLIO MANAGEMENT
52393(0)	INVESTMENT ADVICE
52399(0)	ALL OTHER FINANCIAL INVESTMENT ACTIVITIES
523991	TRUST, FIDUCIARY, AND CUSTODY ACTIVITIES
523999	MISCELLANEOUS FINANCIAL INVESTMENT ACTIVITIES
52411(0)	DIRECT LIFE, HEALTH, AND MEDICAL INSURANCE CARRIERS
524113	DIRECT LIFE INSURANCE CARRIERS
524114	DIRECT HEALTH AND MEDICAL INSURANCE CARRIERS
52412(0)	DIRECT INSURANCE (EXCEPT LIFE, HEALTH, AND MEDICAL) CARRIERS
524126	DIRECT PROPERTY AND CASUALTY INSURANCE CARRIERS
524127	DIRECT TITLE INSURANCE CARRIERS
524128	OTHER DIRECT INSURANCE (EXCEPT LIFE, HEALTH, AND MEDICAL) CARRIERS
52413(0)	REINSURANCE CARRIERS
52421(0)	INSURANCE AGENCIES AND BROKERAGES
52429(0)	OTHER INSURANCE RELATED ACTIVITIES
524291	CLAIMS ADJUSTING
524292	THIRD PARTY ADMINISTRATION OF INSURANCE AND PENSION FUNDS
524298	ALL OTHER INSURANCE RELATED ACTIVITIES
52511(0)	PENSION FUNDS
52512(0)	HEALTH AND WELFARE FUNDS
52519(0)	OTHER INSURANCE FUNDS

52591(0)	OPEN-END INVESTMENT FUNDS
52592(0)	TRUSTS, ESTATES, AND AGENCY ACCOUNTS
52599(0)	OTHER FINANCIAL VEHICLES
53111(0)	LESSORS OF RESIDENTIAL BUILDINGS AND DWELLINGS
53112(0)	LESSORS OF NONRESIDENTIAL BUILDINGS (EXCEPT MINIWAREHOUSES)
53113(0)	LESSORS OF MINIWAREHOUSES AND SELF-STORAGE UNITS
53119(0)	LESSORS OF OTHER REAL ESTATE PROPERTY
53121(0)	OFFICES OF REAL ESTATE AGENTS AND BROKERS
53131(0)	REAL ESTATE PROPERTY MANAGERS
531311	RESIDENTIAL PROPERTY MANAGERS
531312	NONRESIDENTIAL PROPERTY MANAGERS
53132(0)	OFFICES OF REAL ESTATE APPRAISERS
53139(0)	OTHER ACTIVITIES RELATED TO REAL ESTATE
53211(0)	PASSENGER CAR RENTAL AND LEASING
532111	PASSENGER CAR RENTAL
532112	PASSENGER CAR LEASING
53212(0)	TRUCK, UTILITY TRAILER, AND RV (RECREATIONAL VEHICLE) RENTAL AND LEASING
53221(0)	CONSUMER ELECTRONICS AND APPLIANCES RENTAL
53222(0)	FORMAL WEAR AND COSTUME RENTAL
53223(0)	VIDEO TAPE AND DISC RENTAL
53229(0)	OTHER CONSUMER GOODS RENTAL
532291	HOME HEALTH EQUIPMENT RENTAL
532292	RECREATIONAL GOODS RENTAL
532299	ALL OTHER CONSUMER GOODS RENTAL
53231(0)	GENERAL RENTAL CENTERS
53241(0)	CONSTRUCTION, TRANSPORTATION, MINING, AND FORESTRY MACHINERY AND EQUIPMENT RENTAL AND LEASING
532411	COMMERCIAL AIR, RAIL, AND WATER TRANSPORTATION EQUIPMENT RENTAL AND LEASING
532412	CONSTRUCTION, MINING, AND FORESTRY MACHINERY AND EQUIPMENT RENTAL AND LEASING
53242(0)	OFFICE MACHINERY AND EQUIPMENT RENTAL AND LEASING
53249(0)	OTHER COMMERCIAL AND INDUSTRIAL MACHINERY AND EQUIPMENT RENTAL AND LEASING
53311(0)	LESSORS OF NONFINANCIAL INTANGIBLE ASSETS (EXCEPT COPYRIGHTED WORKS)
54111(0)	OFFICES OF LAWYERS
54112(0)	OFFICES OF NOTARIES
54119(0)	OTHER LEGAL SERVICES
541191	TITLE ABSTRACT AND SETTLEMENT OFFICES
541199	ALL OTHER LEGAL SERVICES
54121(0)	ACCOUNTING, TAX PREPARATION, BOOKKEEPING, AND PAYROLL SERVICES

541211	OFFICES OF CERTIFIED PUBLIC ACCOUNTANTS
541213	TAX PREPARATION SERVICES
541214	PAYROLL SERVICES
541219	OTHER ACCOUNTING SERVICES
54131(0)	ARCHITECTURAL SERVICES
54132(0)	LANDSCAPE ARCHITECTURAL SERVICES
54133(0)	ENGINEERING SERVICES
54134(0)	DRAFTING SERVICES
54135(0)	BUILDING INSPECTION SERVICES
54136(0)	GEOPHYSICAL SURVEYING AND MAPPING SERVICES
54137(0)	SURVEYING AND MAPPING (EXCEPT GEOPHYSICAL) SERVICES
54138(0)	TESTING LABORATORIES
54141(0)	INTERIOR DESIGN SERVICES
54142(0)	INDUSTRIAL DESIGN SERVICES
54143(0)	GRAPHIC DESIGN SERVICES
54149(0)	OTHER SPECIALIZED DESIGN SERVICES
54151(0)	COMPUTER SYSTEMS DESIGN AND RELATED SERVICES
541511	CUSTOM COMPUTER PROGRAMMING SERVICES
541512	COMPUTER SYSTEMS DESIGN SERVICES
541513	COMPUTER FACILITIES MANAGEMENT SERVICES
541519	OTHER COMPUTER RELATED SERVICES
54161(0)	MANAGEMENT CONSULTING SERVICES
541611	ADMINISTRATIVE MANAGEMENT AND GENERAL MANAGEMENT CONSULTING SERVICES
541612	HUMAN RESOURCES CONSULTING SERVICES
541613	MARKETING CONSULTING SERVICES
541614	PROCESS, PHYSICAL DISTRIBUTION, AND LOGISTICS CONSULTING SERVICES
541618	OTHER MANAGEMENT CONSULTING SERVICES
54162(0)	ENVIRONMENTAL CONSULTING SERVICES
54169(0)	OTHER SCIENTIFIC AND TECHNICAL CONSULTING SERVICES
54171(0)	RESEARCH AND DEVELOPMENT IN THE PHYSICAL, ENGINEERING, AND LIFE SCIENCES
541711	RESEARCH AND DEVELOPMENT IN BIOTECHNOLOGY
541712	RESEARCH AND DEVELOPMENT IN THE PHYSICAL, ENGINEERING, AND LIFE SCIENCES (EXCEPT BIOTECHNOLOGY)
54172(0)	RESEARCH AND DEVELOPMENT IN THE SOCIAL SCIENCES AND HUMANITIES
54181(0)	ADVERTISING AGENCIES
54182(0)	PUBLIC RELATIONS AGENCIES
54183(0)	MEDIA BUYING AGENCIES
54184(0)	MEDIA REPRESENTATIVES
54185(0)	DISPLAY ADVERTISING

54186(0)	DIRECT MAIL ADVERTISING
54187(0)	ADVERTISING MATERIAL DISTRIBUTION SERVICES
54189(0)	OTHER SERVICES RELATED TO ADVERTISING
54191(0)	MARKETING RESEARCH AND PUBLIC OPINION POLLING
54192(0)	PHOTOGRAPHIC SERVICES
541921	PHOTOGRAPHY STUDIOS, PORTRAIT
541922	COMMERCIAL PHOTOGRAPHY
54193(0)	TRANSLATION AND INTERPRETATION SERVICES
54194(0)	VETERINARY SERVICES
54199(0)	ALL OTHER PROFESSIONAL, SCIENTIFIC, AND TECHNICAL SERVICES
55111(0)	MANAGEMENT OF COMPANIES AND ENTERPRISES
551111	OFFICES OF BANK HOLDING COMPANIES
551112	OFFICES OF OTHER HOLDING COMPANIES
551114	CORPORATE, SUBSIDIARY, AND REGIONAL MANAGING OFFICES
56111(0)	OFFICE ADMINISTRATIVE SERVICES
56121(0)	FACILITIES SUPPORT SERVICES
56131(0)	EMPLOYMENT PLACEMENT AGENCIES AND EXECUTIVE SEARCH SERVICES
561311	EMPLOYMENT PLACEMENT AGENCIES
561312	EXECUTIVE SEARCH SERVICES
56132(0)	TEMPORARY HELP SERVICES
56133(0)	PROFESSIONAL EMPLOYER ORGANIZATIONS
56141(0)	DOCUMENT PREPARATION SERVICES
56142(0)	TELEPHONE CALL CENTERS
561421	TELEPHONE ANSWERING SERVICES
561422	TELEMARKETING BUREAUS AND OTHER CONTACT CENTERS
56143(0)	BUSINESS SERVICE CENTERS
561431	PRIVATE MAIL CENTERS
561439	OTHER BUSINESS SERVICE CENTERS (INCLUDING COPY SHOPS)
56144(0)	COLLECTION AGENCIES
56145(0)	CREDIT BUREAUS
56149(0)	OTHER BUSINESS SUPPORT SERVICES
561491	REPOSSESSION SERVICES
561492	COURT REPORTING AND STENOTYPE SERVICES
561499	ALL OTHER BUSINESS SUPPORT SERVICES
56151(0)	TRAVEL AGENCIES
56152(0)	TOUR OPERATORS
56159(0)	OTHER TRAVEL ARRANGEMENT AND RESERVATION SERVICES
561591	CONVENTION AND VISITORS BUREAUS
561599	ALL OTHER TRAVEL ARRANGEMENT AND RESERVATION SERVICES

56161(0)	INVESTIGATION, GUARD, AND ARMORED CAR SERVICES
561611	INVESTIGATION SERVICES
561612	SECURITY GUARDS AND PATROL SERVICES
561613	ARMORED CAR SERVICES
56162(0)	SECURITY SYSTEMS SERVICES
561621	SECURITY SYSTEMS SERVICES (EXCEPT LOCKSMITHS)
561622	LOCKSMITHS
56171(0)	EXTERMINATING AND PEST CONTROL SERVICES
56172(0)	JANITORIAL SERVICES
56173(0)	LANDSCAPING SERVICES
56174(0)	CARPET AND UPHOLSTERY CLEANING SERVICES
56179(0)	OTHER SERVICES TO BUILDINGS AND DWELLINGS
56191(0)	PACKAGING AND LABELING SERVICES
56192(0)	CONVENTION AND TRADE SHOW ORGANIZERS
56199(0)	ALL OTHER SUPPORT SERVICES
56211(0)	WASTE COLLECTION
562111	SOLID WASTE COLLECTION
562112	HAZARDOUS WASTE COLLECTION
562119	OTHER WASTE COLLECTION
56221(0)	WASTE TREATMENT AND DISPOSAL
562211	HAZARDOUS WASTE TREATMENT AND DISPOSAL
562212	SOLID WASTE LANDFILL
562213	SOLID WASTE COMBUSTORS AND INCINERATORS
562219	OTHER NONHAZARDOUS WASTE TREATMENT AND DISPOSAL
56291(0)	REMEDIATION SERVICES
56292(0)	MATERIALS RECOVERY FACILITIES
56299(0)	ALL OTHER WASTE MANAGEMENT SERVICES
562991	SEPTIC TANK AND RELATED SERVICES
562998	ALL OTHER MISCELLANEOUS WASTE MANAGEMENT SERVICES
61111(0)	ELEMENTARY AND SECONDARY SCHOOLS
61121(0)	JUNIOR COLLEGES
61131(0)	COLLEGES, UNIVERSITIES, AND PROFESSIONAL SCHOOLS
61141(0)	BUSINESS AND SECRETARIAL SCHOOLS
61142(0)	COMPUTER TRAINING
61143(0)	PROFESSIONAL AND MANAGEMENT DEVELOPMENT TRAINING
61151(0)	TECHNICAL AND TRADE SCHOOLS
611511	COSMETOLOGY AND BARBER SCHOOLS
611512	FLIGHT TRAINING
611513	APPRENTICESHIP TRAINING

611519	OTHER TECHNICAL AND TRADE SCHOOLS
61161(0)	FINE ARTS SCHOOLS
61162(0)	SPORTS AND RECREATION INSTRUCTION
61163(0)	LANGUAGE SCHOOLS
61169(0)	ALL OTHER SCHOOLS AND INSTRUCTION
611691	EXAM PREPARATION AND TUTORING
611692	AUTOMOBILE DRIVING SCHOOLS
611699	ALL OTHER MISCELLANEOUS SCHOOLS AND INSTRUCTION
61171(0)	EDUCATIONAL SUPPORT SERVICES
62111(0)	OFFICES OF PHYSICIANS
621111	OFFICES OF PHYSICIANS (EXCEPT MENTAL HEALTH SPECIALISTS)
621112	OFFICES OF PHYSICIANS, MENTAL HEALTH SPECIALISTS
62121(0)	OFFICES OF DENTISTS
62131(0)	OFFICES OF CHIROPRACTORS
62132(0)	OFFICES OF OPTOMETRISTS
62133(0)	OFFICES OF MENTAL HEALTH PRACTITIONERS (EXCEPT PHYSICIANS)
62134(0)	OFFICES OF PHYSICAL, OCCUPATIONAL AND SPEECH THERAPISTS, AND AUDIOLOGISTS
62139(0)	OFFICES OF ALL OTHER HEALTH PRACTITIONERS
621391	OFFICES OF PODIATRISTS
621399	OFFICES OF ALL OTHER MISCELLANEOUS HEALTH PRACTITIONERS
62141(0)	FAMILY PLANNING CENTERS
62142(0)	OUTPATIENT MENTAL HEALTH AND SUBSTANCE ABUSE CENTERS
62149(0)	OTHER OUTPATIENT CARE CENTERS
621491	HMO MEDICAL CENTERS
621492	KIDNEY DIALYSIS CENTERS
621493	FREESTANDING AMBULATORY SURGICAL AND EMERGENCY CENTERS
621498	ALL OTHER OUTPATIENT CARE CENTERS
62151(0)	MEDICAL AND DIAGNOSTIC LABORATORIES
621511	MEDICAL LABORATORIES
621512	DIAGNOSTIC IMAGING CENTERS
62161(0)	HOME HEALTH CARE SERVICES
62191(0)	AMBULANCE SERVICES
62199(0)	ALL OTHER AMBULATORY HEALTH CARE SERVICES
621991	BLOOD AND ORGAN BANKS
621999	ALL OTHER MISCELLANEOUS AMBULATORY HEALTH CARE SERVICES
62211(0)	GENERAL MEDICAL AND SURGICAL HOSPITALS
62221(0)	PSYCHIATRIC AND SUBSTANCE ABUSE HOSPITALS
62231(0)	SPECIALTY (EXCEPT PSYCHIATRIC AND SUBSTANCE ABUSE) HOSPITALS
62311(0)	NURSING CARE FACILITIES

62321(0)	RESIDENTIAL MENTAL RETARDATION FACILITIES
62322(0)	RESIDENTIAL MENTAL HEALTH AND SUBSTANCE ABUSE FACILITIES
62331(0)	COMMUNITY CARE FACILITIES FOR THE ELDERLY
623311	CONTINUING CARE RETIREMENT COMMUNITIES
623312	HOMES FOR THE ELDERLY
62399(0)	OTHER RESIDENTIAL CARE FACILITIES
62411(0)	CHILD AND YOUTH SERVICES
62412(0)	SERVICES FOR THE ELDERLY AND PERSONS WITH DISABILITIES
62419(0)	OTHER INDIVIDUAL AND FAMILY SERVICES
62421(0)	COMMUNITY FOOD SERVICES
62422(0)	COMMUNITY HOUSING SERVICES
624221	TEMPORARY SHELTERS
624229	OTHER COMMUNITY HOUSING SERVICES
62423(0)	EMERGENCY AND OTHER RELIEF SERVICES
62431(0)	VOCATIONAL REHABILITATION SERVICES
62441(0)	CHILD DAY CARE SERVICES
71111(0)	THEATER COMPANIES AND DINNER THEATERS
71112(0)	DANCE COMPANIES
71113(0)	MUSICAL GROUPS AND ARTISTS
71119(0)	OTHER PERFORMING ARTS COMPANIES
71121(0)	SPECTATOR SPORTS
711211	SPORTS TEAMS AND CLUBS
711212	RACETRACKS
711219	OTHER SPECTATOR SPORTS
71131(0)	PROMOTERS OF PERFORMING ARTS, SPORTS, AND SIMILAR EVENTS WITH FACILITIES
71132(0)	PROMOTERS OF PERFORMING ARTS, SPORTS, AND SIMILAR EVENTS WITHOUT FACILITIES
71141(0)	AGENTS AND MANAGERS FOR ARTISTS, ATHLETES, ENTERTAINERS, AND OTHER PUBLIC FIGURES
71151(0)	INDEPENDENT ARTISTS, WRITERS, AND PERFORMERS
71211(0)	MUSEUMS
71212(0)	HISTORICAL SITES
71213(0)	ZOOS AND BOTANICAL GARDENS
71219(0)	NATURE PARKS AND OTHER SIMILAR INSTITUTIONS
71311(0)	AMUSEMENT AND THEME PARKS
71312(0)	AMUSEMENT ARCADES
71321(0)	CASINOS (EXCEPT CASINO HOTELS)
71329(0)	OTHER GAMBLING INDUSTRIES
71391(0)	GOLF COURSES AND COUNTRY CLUBS
71392(0)	SKIING FACILITIES

71393(0)	MARINAS
71394(0)	FITNESS AND RECREATIONAL SPORTS CENTERS
71395(0)	BOWLING CENTERS
71399(0)	ALL OTHER AMUSEMENT AND RECREATION INDUSTRIES
72111(0)	HOTELS (EXCEPT CASINO HOTELS) AND MOTELS
72112(0)	CASINO HOTELS
72119(0)	OTHER TRAVELER ACCOMMODATION
721191	BED-AND-BREAKFAST INNS
721199	ALL OTHER TRAVELER ACCOMMODATION
72121(0)	RV (RECREATIONAL VEHICLE) PARKS AND RECREATIONAL CAMPS
721211	RV (RECREATIONAL VEHICLE) PARKS AND CAMPGROUNDS
721214	RECREATIONAL AND VACATION CAMPS (EXCEPT CAMPGROUNDS)
72131(0)	ROOMING AND BOARDING HOUSES
72231(0)	FOOD SERVICE CONTRACTORS
72232(0)	CATERERS
72233(0)	MOBILE FOOD SERVICES
72241(0)	DRINKING PLACES (ALCOHOLIC BEVERAGES)
72251(0)	RESTAURANTS AND OTHER EATING PLACES
722511	FULL-SERVICE RESTAURANTS
722513	LIMITED-SERVICE RESTAURANTS
722514	CAFETERIAS, GRILL BUFFETS, AND BUFFETS
722515	SNACK AND NONALCOHOLIC BEVERAGE BARS
81111(0)	AUTOMOTIVE MECHANICAL AND ELECTRICAL REPAIR AND MAINTENANCE
811111	GENERAL AUTOMOTIVE REPAIR
811112	AUTOMOTIVE EXHAUST SYSTEM REPAIR
811113	AUTOMOTIVE TRANSMISSION REPAIR
811118	OTHER AUTOMOTIVE MECHANICAL AND ELECTRICAL REPAIR AND MAINTENANCE
81112(0)	AUTOMOTIVE BODY, PAINT, INTERIOR, AND GLASS REPAIR
811121	AUTOMOTIVE BODY, PAINT, AND INTERIOR REPAIR AND MAINTENANCE
811122	AUTOMOTIVE GLASS REPLACEMENT SHOPS
81119(0)	OTHER AUTOMOTIVE REPAIR AND MAINTENANCE
811191	AUTOMOTIVE OIL CHANGE AND LUBRICATION SHOPS
811192	CAR WASHES
811198	ALL OTHER AUTOMOTIVE REPAIR AND MAINTENANCE
81121(0)	ELECTRONIC AND PRECISION EQUIPMENT REPAIR AND MAINTENANCE
811211	CONSUMER ELECTRONICS REPAIR AND MAINTENANCE
811212	COMPUTER AND OFFICE MACHINE REPAIR AND MAINTENANCE
811213	COMMUNICATION EQUIPMENT REPAIR AND MAINTENANCE
811219	OTHER ELECTRONIC AND PRECISION EQUIPMENT REPAIR AND MAINTENANCE

81131(0)	COMMERCIAL AND INDUSTRIAL MACHINERY AND EQUIPMENT (EXCEPT AUTOMOTIVE AND ELECTRONIC) REPAIR AND MAINTENANCE
81141(0)	HOME AND GARDEN EQUIPMENT AND APPLIANCE REPAIR AND MAINTENANCE
811411	HOME AND GARDEN EQUIPMENT REPAIR AND MAINTENANCE
811412	APPLIANCE REPAIR AND MAINTENANCE
81142(0)	REUPHOLSTERY AND FURNITURE REPAIR
81143(0)	FOOTWEAR AND LEATHER GOODS REPAIR
81149(0)	OTHER PERSONAL AND HOUSEHOLD GOODS REPAIR AND MAINTENANCE
81211(0)	HAIR, NAIL, AND SKIN CARE SERVICES
812111	BARBER SHOPS
812112	BEAUTY SALONS
812113	NAIL SALONS
81219(0)	OTHER PERSONAL CARE SERVICES
812191	DIET AND WEIGHT REDUCING CENTERS
812199	OTHER PERSONAL CARE SERVICES
81221(0)	FUNERAL HOMES AND FUNERAL SERVICES
81222(0)	CEMETERIES AND CREMATORIES
81231(0)	COIN-OPERATED LAUNDRIES AND DRYCLEANERS
81232(0)	DRYCLEANING AND LAUNDRY SERVICES (EXCEPT COIN-OPERATED)
81233(0)	LINEN AND UNIFORM SUPPLY
812331	LINEN SUPPLY
812332	INDUSTRIAL LAUNDERERS
81291(0)	PET CARE (EXCEPT VETERINARY) SERVICES
81292(0)	PHOTOFINISHING
812921	PHOTOFINISHING LABORATORIES (EXCEPT ONE-HOUR)
812922	ONE-HOUR PHOTOFINISHING
81293(0)	PARKING LOTS AND GARAGES
81299(0)	ALL OTHER PERSONAL SERVICES
81311(0)	RELIGIOUS ORGANIZATIONS
81321(0)	GRANTMAKING AND GIVING SERVICES
813211	GRANTMAKING FOUNDATIONS
813212	VOLUNTARY HEALTH ORGANIZATIONS
813219	OTHER GRANTMAKING AND GIVING SERVICES
81331(0)	SOCIAL ADVOCACY ORGANIZATIONS
813311	HUMAN RIGHTS ORGANIZATIONS
813312	ENVIRONMENT, CONSERVATION AND WILDLIFE ORGANIZATIONS
813319	OTHER SOCIAL ADVOCACY ORGANIZATIONS
81341(0)	CIVIC AND SOCIAL ORGANIZATIONS
81391(0)	BUSINESS ASSOCIATIONS

81392(0)	PROFESSIONAL ORGANIZATIONS
81393(0)	LABOR UNIONS AND SIMILAR LABOR ORGANIZATIONS
81394(0)	POLITICAL ORGANIZATIONS
81399(0)	OTHER SIMILAR ORGANIZATIONS (EXCEPT BUSINESS, PROFESSIONAL, LABOR, AND POLITICAL ORGANIZATIONS)
81411(0)	PRIVATE HOUSEHOLDS
92111(0)	EXECUTIVE OFFICES
92112(0)	LEGISLATIVE BODIES
92113(0)	PUBLIC FINANCE ACTIVITIES
92114(0)	EXECUTIVE AND LEGISLATIVE OFFICES, COMBINED
92115(0)	AMERICAN INDIAN AND ALASKA NATIVE TRIBAL GOVERNMENTS
92119(0)	OTHER GENERAL GOVERNMENT SUPPORT
92211(0)	COURTS
92212(0)	POLICE PROTECTION
92213(0)	LEGAL COUNSEL AND PROSECUTION
92214(0)	CORRECTIONAL INSTITUTIONS
92215(0)	PAROLE OFFICES AND PROBATION OFFICES
92216(0)	FIRE PROTECTION
92219(0)	OTHER JUSTICE, PUBLIC ORDER, AND SAFETY ACTIVITIES
92311(0)	ADMINISTRATION OF EDUCATION PROGRAMS
92312(0)	ADMINISTRATION OF PUBLIC HEALTH PROGRAMS
92313(0)	ADMINISTRATION OF HUMAN RESOURCE PROGRAMS (EXCEPT EDUCATION, PUBLIC HEALTH, AND VETERANS' AFFAIRS PROGRAMS)
92314(0)	ADMINISTRATION OF VETERANS' AFFAIRS
92411(0)	ADMINISTRATION OF AIR AND WATER RESOURCE AND SOLID WASTE MANAGEMENT PROGRAMS
92412(0)	ADMINISTRATION OF CONSERVATION PROGRAMS
92511(0)	ADMINISTRATION OF HOUSING PROGRAMS
92512(0)	ADMINISTRATION OF URBAN PLANNING AND COMMUNITY AND RURAL DEVELOPMENT
92611(0)	ADMINISTRATION OF GENERAL ECONOMIC PROGRAMS
92612(0)	REGULATION AND ADMINISTRATION OF TRANSPORTATION PROGRAMS
92613(0)	REGULATION AND ADMINISTRATION OF COMMUNICATIONS, ELECTRIC, GAS, AND OTHER UTILITIES
92614(0)	REGULATION OF AGRICULTURAL MARKETING AND COMMODITIES
92615(0)	REGULATION, LICENSING, AND INSPECTION OF MISCELLANEOUS COMMERCIAL SECTORS
92711(0)	SPACE RESEARCH AND TECHNOLOGY
92811(0)	NATIONAL SECURITY
92812(0)	INTERNATIONAL AFFAIRS

LEGACY VALUES

Code	Description
11	AGRICULTURE, FORESTRY, FISHING AND HUNTING
111	CROP PRODUCTION
1111	OILSEED AND GRAIN FARMING
1112	VEGETABLE AND MELON FARMING
1113	FRUIT AND TREE NUT FARMING
1114	GREENHOUSE, NURSERY, AND FLORICULTURE PRODUCTION
1119	OTHER CROP FARMING
112	ANIMAL PRODUCTION
1121	CATTLE RANCHING AND FARMING
1122	HOG AND PIG FARMING
1123	POULTRY AND EGG PRODUCTION
1124	SHEEP AND GOAT FARMING
1125	AQUACULTURE
1129	OTHER ANIMAL PRODUCTION
113	FORESTRY AND LOGGING
1131	TIMBER TRACT OPERATIONS
1132	FOREST NURSERIES AND GATHERING OF FOREST PRODUCTS
1133	LOGGING
114	FISHING, HUNTING AND TRAPPING
1141	FISHING
1142	HUNTING AND TRAPPING
115	SUPPORT ACTIVITIES FOR AGRICULTURE AND FORESTRY
1151	SUPPORT ACTIVITIES FOR CROP PRODUCTION
1152	SUPPORT ACTIVITIES FOR ANIMAL PRODUCTION
1153	SUPPORT ACTIVITIES FOR FORESTRY
21	MINING, QUARRYING, AND OIL AND GAS EXTRACTION
211	OIL AND GAS EXTRACTION
2111	OIL AND GAS EXTRACTION
212	MINING (EXCEPT OIL AND GAS)
2121	COAL MINING
2122	METAL ORE MINING
2123	NONMETALLIC MINERAL MINING AND QUARRYING
213	SUPPORT ACTIVITIES FOR MINING
2131	SUPPORT ACTIVITIES FOR MINING
22	UTILITIES
221	UTILITIES
2211	ELECTRIC POWER GENERATION, TRANSMISSION AND DISTRIBUTION
221119	OTHER ELECTRIC POWER GENERATION

2212	NATURAL GAS DISTRIBUTION
2213	WATER, SEWAGE AND OTHER SYSTEMS
23	CONSTRUCTION
233	BUILDING, DEVELOPING, AND GENERAL CONTRACTING
2331	LAND SUBDIVISION AND LAND DEVELOPMENT
23311(0)	LAND SUBDIVISION AND LAND DEVELOPMENT
2332	RESIDENTIAL BUILDING CONSTRUCTION
23321(0)	SINGLE FAMILY HOUSING CONSTRUCTION
23322(0)	MULTIFAMILY HOUSING CONSTRUCTION
2333	NONRESIDENTIAL BUILDING CONSTRUCTION
23331(0)	MANUFACTURING AND INDUSTRIAL BUILDING CONSTRUCTION
23332(0)	COMMERCIAL AND INSTITUTIONAL BUILDING CONSTRUCTION
234	HEAVY CONSTRUCTION
2341	HIGHWAY, STREET, BRIDGE, AND TUNNEL CONSTRUCTION
23411(0)	HIGHWAY AND STREET CONSTRUCTION
23412(0)	BRIDGE AND TUNNEL CONSTRUCTION
2349	OTHER HEAVY CONSTRUCTION
23491(0)	WATER, SEWER, AND PIPELINE CONSTRUCTION
23492(0)	POWER AND COMMUNICATION TRANSMISSION LINE CONSTRUCTION
23493(0)	INDUSTRIAL NONBUILDING STRUCTURE CONSTRUCTION
23499(0)	ALL OTHER HEAVY CONSTRUCTION
235	SPECIAL TRADE CONTRACTORS
2351	PLUMBING, HEATING, AND AIR-CONDITIONING CONTRACTORS
23511(0)	PLUMBING, HEATING, AND AIR-CONDITIONING CONTRACTORS
2352	PAINTING AND WALL COVERING CONTRACTORS
23521(0)	PAINTING AND WALL COVERING CONTRACTORS
2353	ELECTRICAL CONTRACTORS
23531(0)	ELECTRICAL CONTRACTORS
2354	MASONRY, DRYWALL, INSULATION, AND TILE CONTRACTORS
23541(0)	MASONRY AND STONE CONTRACTORS
23542(0)	DRYWALL, PLASTERING, ACOUSTICAL, AND INSULATION CONTRACTORS
23543(0)	TILE, MARBLE, TERRAZZO, AND MOSAIC CONTRACTORS
2355	CARPENTRY AND FLOOR CONTRACTORS
23551(0)	CARPENTRY CONTRACTORS
23552(0)	FLOOR LAYING AND OTHER FLOOR CONTRACTORS
2356	ROOFING, SIDING, AND SHEET METAL CONTRACTORS
23561(0)	ROOFING, SIDING, AND SHEET METAL CONTRACTORS
2357	CONCRETE CONTRACTORS
23571(0)	CONCRETE CONTRACTORS

2358	WATER WELL DRILLING CONTRACTORS
23581(0)	WATER WELL DRILLING CONTRACTORS
2359	OTHER SPECIAL TRADE CONTRACTORS
23591(0)	STRUCTURAL STEEL ERECTION CONTRACTORS
23592(0)	GLASS AND GLAZING CONTRACTORS
23593(0)	EXCAVATION CONTRACTORS
23594(0)	WRECKING AND DEMOLITION CONTRACTORS
23595(0)	BUILDING EQUIPMENT AND OTHER MACHINERY INSTALLATION CONTRACTORS
23599(0)	ALL OTHER SPECIAL TRADE CONTRACTORS
236	CONSTRUCTION OF BUILDINGS
2361	RESIDENTIAL BUILDING CONSTRUCTION
2362	NONRESIDENTIAL BUILDING CONSTRUCTION
237	HEAVY AND CIVIL ENGINEERING CONSTRUCTION
2371	UTILITY SYSTEM CONSTRUCTION
2372	LAND SUBDIVISION
2373	HIGHWAY, STREET, AND BRIDGE CONSTRUCTION
2379	OTHER HEAVY AND CIVIL ENGINEERING CONSTRUCTION
238	SPECIALTY TRADE CONTRACTORS
2381	FOUNDATION, STRUCTURE, AND BUILDING EXTERIOR CONTRACTORS
2382	BUILDING EQUIPMENT CONTRACTORS
2383	BUILDING FINISHING CONTRACTORS
2389	OTHER SPECIALTY TRADE CONTRACTORS
31-33(0)	MANUFACTURING
311	FOOD MANUFACTURING
3111	ANIMAL FOOD MANUFACTURING
3112	GRAIN AND OILSEED MILLING
311222	SOYBEAN PROCESSING
311223	OTHER OILSEED PROCESSING
3113	SUGAR AND CONFECTIONERY PRODUCT MANUFACTURING
311311	SUGARCANE MILLS
311312	CANE SUGAR REFINING
31132(0)	CHOCOLATE AND CONFECTIONERY MANUFACTURING FROM CACAO BEANS
31133(0)	CONFECTIONERY MANUFACTURING FROM PURCHASED CHOCOLATE
3114	FRUIT AND VEGETABLE PRESERVING AND SPECIALTY FOOD MANUFACTURING
3115	DAIRY PRODUCT MANUFACTURING
3116	ANIMAL SLAUGHTERING AND PROCESSING
3117	SEAFOOD PRODUCT PREPARATION AND PACKAGING
311711	SEAFOOD CANNING
311712	FRESH AND FROZEN SEAFOOD PROCESSING

3118	BAKERIES AND TORTILLA MANUFACTURING
311822	FLOUR MIXES AND DOUGH MANUFACTURING FROM PURCHASED FLOUR
311823	DRY PASTA MANUFACTURING
3119	OTHER FOOD MANUFACTURING
312	BEVERAGE AND TOBACCO PRODUCT MANUFACTURING
3121	BEVERAGE MANUFACTURING
3122	TOBACCO MANUFACTURING
31221(0)	TOBACCO STEMMING AND REDRYING
31222(0)	TOBACCO PRODUCT MANUFACTURING
312221	CIGARETTE MANUFACTURING
312229	OTHER TOBACCO PRODUCT MANUFACTURING
313	TEXTILE MILLS
3131	FIBER, YARN, AND THREAD MILLS
313111	YARN SPINNING MILLS
313112	YARN TEXTURIZING, THROWING, AND TWISTING MILLS
313113	THREAD MILLS
3132	FABRIC MILLS
313221	NARROW FABRIC MILLS
313222	SCHIFFLI MACHINE EMBROIDERY
313241	WEFT KNIT FABRIC MILLS
313249	OTHER KNIT FABRIC AND LACE MILLS
3133	TEXTILE AND FABRIC FINISHING AND FABRIC COATING MILLS
313311	BROADWOVEN FABRIC FINISHING MILLS
313312	TEXTILE AND FABRIC FINISHING (EXCEPT BROADWOVEN FABRIC) MILLS
314	TEXTILE PRODUCT MILLS
3141	TEXTILE FURNISHINGS MILLS
314121	CURTAIN AND DRAPERY MILLS
314129	OTHER HOUSEHOLD TEXTILE PRODUCT MILLS
3149	OTHER TEXTILE PRODUCT MILLS
314911	TEXTILE BAG MILLS
314912	CANVAS AND RELATED PRODUCT MILLS
314991	ROPE, CORDAGE, AND TWINE MILLS
314992	TIRE CORD AND TIRE FABRIC MILLS
315	APPAREL MANUFACTURING
3151	APPAREL KNITTING MILLS
315111	SHEER HOSIERY MILLS
315119	OTHER HOSIERY AND SOCK MILLS
315191	OUTERWEAR KNITTING MILLS
315192	UNDERWEAR AND NIGHTWEAR KNITTING MILLS

3152	CUT AND SEW APPAREL MANUFACTURING
315211	MEN'S AND BOYS' CUT AND SEW APPAREL CONTRACTORS
315212	WOMEN'S, GIRLS', AND INFANTS' CUT AND SEW APPAREL CONTRACTORS
315221	MEN'S AND BOYS' CUT AND SEW UNDERWEAR AND NIGHTWEAR MANUFACTURING
315222	MEN'S AND BOYS' CUT AND SEW SUIT, COAT, AND OVERCOAT MANUFACTURING
315223	MEN'S AND BOYS' CUT AND SEW SHIRT (EXCEPT WORK SHIRT) MANUFACTURING
315224	MEN'S AND BOYS' CUT AND SEW TROUSER, SLACK, AND JEAN MANUFACTURING
315225	MEN'S AND BOYS' CUT AND SEW WORK CLOTHING MANUFACTURING
315228	MEN'S AND BOYS' CUT AND SEW OTHER OUTERWEAR MANUFACTURING
31523(0)	WOMEN'S AND GIRLS' CUT AND SEW APPAREL MANUFACTURING
315231	WOMEN'S AND GIRLS' CUT AND SEW LINGERIE, LOUNGEWEAR, AND NIGHTWEAR MANUFACTURING
315232	WOMEN'S AND GIRLS' CUT AND SEW BLOUSE AND SHIRT MANUFACTURING
315233	WOMEN'S AND GIRLS' CUT AND SEW DRESS MANUFACTURING
315234	WOMEN'S AND GIRLS' CUT AND SEW SUIT, COAT, TAILORED JACKET, AND SKIRT MANUFACTURING
315239	WOMEN'S AND GIRLS' CUT AND SEW OTHER OUTERWEAR MANUFACTURING
31529(0)	OTHER CUT AND SEW APPAREL MANUFACTURING
315291	INFANTS' CUT AND SEW APPAREL MANUFACTURING
315292	FUR AND LEATHER APPAREL MANUFACTURING
315299	ALL OTHER CUT AND SEW APPAREL MANUFACTURING
3159	APPAREL ACCESSORIES AND OTHER APPAREL MANUFACTURING
315991	HAT, CAP, AND MILLINERY MANUFACTURING
315992	GLOVE AND MITTEN MANUFACTURING
315993	MEN'S AND BOYS' NECKWEAR MANUFACTURING
315999	OTHER APPAREL ACCESSORIES AND OTHER APPAREL MANUFACTURING
316	LEATHER AND ALLIED PRODUCT MANUFACTURING
3161	LEATHER AND HIDE TANNING AND FINISHING
3162	FOOTWEAR MANUFACTURING
316211	RUBBER AND PLASTICS FOOTWEAR MANUFACTURING
316212	HOUSE SLIPPER MANUFACTURING
316213	MEN'S FOOTWEAR (EXCEPT ATHLETIC) MANUFACTURING
316214	WOMEN'S FOOTWEAR (EXCEPT ATHLETIC) MANUFACTURING
316219	OTHER FOOTWEAR MANUFACTURING
3169	OTHER LEATHER AND ALLIED PRODUCT MANUFACTURING
316991	LUGGAGE MANUFACTURING
316993	PERSONAL LEATHER GOOD (EXCEPT WOMEN'S HANDBAG AND PURSE) MANUFACTURING
316999	ALL OTHER LEATHER GOOD AND ALLIED PRODUCT MANUFACTURING
321	WOOD PRODUCT MANUFACTURING

3211	SAWMILLS AND WOOD PRESERVATION
3212	VENEER, PLYWOOD, AND ENGINEERED WOOD PRODUCT MANUFACTURING
3219	OTHER WOOD PRODUCT MANUFACTURING
322	PAPER MANUFACTURING
3221	PULP, PAPER, AND PAPERBOARD MILLS
3222	CONVERTED PAPER PRODUCT MANUFACTURING
322213	SETUP PAPERBOARD BOX MANUFACTURING
322214	FIBER CAN, TUBE, DRUM, AND SIMILAR PRODUCTS MANUFACTURING
322215	NONFOLDING SANITARY FOOD CONTAINER MANUFACTURING
322221	COATED AND LAMINATED PACKAGING PAPER MANUFACTURING
322222	COATED AND LAMINATED PAPER MANUFACTURING
322223	COATED PAPER BAG AND POUCH MANUFACTURING
322224	UNCOATED PAPER AND MULTIWALL BAG MANUFACTURING
322225	LAMINATED ALUMINUM FOIL MANUFACTURING FOR FLEXIBLE PACKAGING USES
322226	SURFACE-COATED PAPERBOARD MANUFACTURING
322231	DIE-CUT PAPER AND PAPERBOARD OFFICE SUPPLIES MANUFACTURING
322232	ENVELOPE MANUFACTURING
322233	STATIONERY, TABLET, AND RELATED PRODUCT MANUFACTURING
323	PRINTING AND RELATED SUPPORT ACTIVITIES
3231	PRINTING AND RELATED SUPPORT ACTIVITIES
323112	COMMERCIAL FLEXOGRAPHIC PRINTING
323114	QUICK PRINTING
323115	DIGITAL PRINTING
323116	MANIFOLD BUSINESS FORMS PRINTING
323118	BLANKBOOK, LOOSELEAF BINDERS, AND DEVICES MANUFACTURING
323119	OTHER COMMERCIAL PRINTING
323121	TRADEBINDING AND RELATED WORK
323122	PREPRESS SERVICES
324	PETROLEUM AND COAL PRODUCTS MANUFACTURING
3241	PETROLEUM AND COAL PRODUCTS MANUFACTURING
325	CHEMICAL MANUFACTURING
3251	BASIC CHEMICAL MANUFACTURING
325131	INORGANIC DYE AND PIGMENT MANUFACTURING
325132	SYNTHETIC ORGANIC DYE AND PIGMENT MANUFACTURING
325181	ALKALIES AND CHLORINE MANUFACTURING
325182	CARBON BLACK MANUFACTURING
325188	ALL OTHER BASIC INORGANIC CHEMICAL MANUFACTURING
325191	GUM AND WOOD CHEMICAL MANUFACTURING
325192	CYCLIC CRUDE AND INTERMEDIATE MANUFACTURING

3252	RESIN, SYNTHETIC RUBBER, AND ARTIFICIAL SYNTHETIC FIBERS AND FILAMENTS MANUFACTURING
325221	CELLULOSIC ORGANIC FIBER MANUFACTURING
325222	NONCELLULOSIC ORGANIC FIBER MANUFACTURING
3253	PESTICIDE, FERTILIZER, AND OTHER AGRICULTURAL CHEMICAL MANUFACTURING
3254	PHARMACEUTICAL AND MEDICINE MANUFACTURING
3255	PAINT, COATING, AND ADHESIVE MANUFACTURING
3256	SOAP, CLEANING COMPOUND, AND TOILET PREPARATION MANUFACTURING
3259	OTHER CHEMICAL PRODUCT AND PREPARATION MANUFACTURING
326	PLASTICS AND RUBBER PRODUCTS MANUFACTURING
3261	PLASTICS PRODUCT MANUFACTURING
326192	RESILIENT FLOOR COVERING MANUFACTURING
3262	RUBBER PRODUCT MANUFACTURING
327	NONMETALLIC MINERAL PRODUCT MANUFACTURING
3271	CLAY PRODUCT AND REFRACTORY MANUFACTURING
327111	VITREOUS CHINA PLUMBING FIXTURE AND CHINA AND EARTHENWARE BATHROOM ACCESSORIES MANUFACTURING
327112	VITREOUS CHINA, FINE EARTHENWARE, AND OTHER POTTERY PRODUCT MANUFACTURING
327113	PORCELAIN ELECTRICAL SUPPLY MANUFACTURING
327121	BRICK AND STRUCTURAL CLAY TILE MANUFACTURING
327122	CERAMIC WALL AND FLOOR TILE MANUFACTURING
327123	OTHER STRUCTURAL CLAY PRODUCT MANUFACTURING
327124	CLAY REFRACTORY MANUFACTURING
327125	NONCLAY REFRACTORY MANUFACTURING
3272	GLASS AND GLASS PRODUCT MANUFACTURING
3273	CEMENT AND CONCRETE PRODUCT MANUFACTURING
3274	LIME AND GYPSUM PRODUCT MANUFACTURING
3279	OTHER NONMETALLIC MINERAL PRODUCT MANUFACTURING
331	PRIMARY METAL MANUFACTURING
3311	IRON AND STEEL MILLS AND FERROALLOY MANUFACTURING
331111	IRON AND STEEL MILLS
331112	ELECTROMETALLURGICAL FERROALLOY PRODUCT MANUFACTURING
3312	STEEL PRODUCT MANUFACTURING FROM PURCHASED STEEL
3313	ALUMINA AND ALUMINUM PRODUCTION AND PROCESSING
331311	ALUMINA REFINING
331312	PRIMARY ALUMINUM PRODUCTION
331316	ALUMINUM EXTRUDED PRODUCT MANUFACTURING
331319	OTHER ALUMINUM ROLLING AND DRAWING
3314	NONFERROUS METAL (EXCEPT ALUMINUM) PRODUCTION AND PROCESSING

331411	PRIMARY SMELTING AND REFINING OF COPPER
331419	PRIMARY SMELTING AND REFINING OF NONFERROUS METAL (EXCEPT COPPER AND ALUMINUM)
331421	COPPER ROLLING, DRAWING, AND EXTRUDING
331422	COPPER WIRE (EXCEPT MECHANICAL) DRAWING
331423	SECONDARY SMELTING, REFINING, AND ALLOYING OF COPPER
3315	FOUNDRIES
331521	ALUMINUM DIE-CASTING FOUNDRIES
331522	NONFERROUS (EXCEPT ALUMINUM) DIE-CASTING FOUNDRIES
331525	COPPER FOUNDRIES (EXCEPT DIE-CASTING)
331528	OTHER NONFERROUS FOUNDRIES (EXCEPT DIE-CASTING)
332	FABRICATED METAL PRODUCT MANUFACTURING
3321	FORGING AND STAMPING
332115	CROWN AND CLOSURE MANUFACTURING
332116	METAL STAMPING
3322	CUTLERY AND HANDTOOL MANUFACTURING
332211	CUTLERY AND FLATWARE (EXCEPT PRECIOUS) MANUFACTURING
332212	HAND AND EDGE TOOL MANUFACTURING
332213	SAW BLADE AND HANDSAW MANUFACTURING
332214	KITCHEN UTENSIL, POT, AND PAN MANUFACTURING
3323	ARCHITECTURAL AND STRUCTURAL METALS MANUFACTURING
3324	BOILER, TANK, AND SHIPPING CONTAINER MANUFACTURING
3325	HARDWARE MANUFACTURING
3326	SPRING AND WIRE PRODUCT MANUFACTURING
332611	SPRING (HEAVY GAUGE) MANUFACTURING
332612	SPRING (LIGHT GAUGE) MANUFACTURING
3327	MACHINE SHOPS; TURNED PRODUCT; AND SCREW, NUT, AND BOLT MANUFACTURING
3328	COATING, ENGRAVING, HEAT TREATING, AND ALLIED ACTIVITIES
3329	OTHER FABRICATED METAL PRODUCT MANUFACTURING
332995	OTHER ORDNANCE AND ACCESSORIES MANUFACTURING
332997	INDUSTRIAL PATTERN MANUFACTURING
332998	ENAMELED IRON AND METAL SANITARY WARE MANUFACTURING
333	MACHINERY MANUFACTURING
3331	AGRICULTURE, CONSTRUCTION, AND MINING MACHINERY MANUFACTURING
3332	INDUSTRIAL MACHINERY MANUFACTURING
33321(0)	SAWMILL AND WOODWORKING MACHINERY MANUFACTURING
33322(0)	PLASTICS AND RUBBER INDUSTRY MACHINERY MANUFACTURING
33329(0)	OTHER INDUSTRIAL MACHINERY MANUFACTURING
333291	PAPER INDUSTRY MACHINERY MANUFACTURING

333292	TEXTILE MACHINERY MANUFACTURING
333293	PRINTING MACHINERY AND EQUIPMENT MANUFACTURING
333294	FOOD PRODUCT MACHINERY MANUFACTURING
333295	SEMICONDUCTOR MACHINERY MANUFACTURING
333298	ALL OTHER INDUSTRIAL MACHINERY MANUFACTURING
3333	COMMERCIAL AND SERVICE INDUSTRY MACHINERY MANUFACTURING
333311	AUTOMATIC VENDING MACHINE MANUFACTURING
333312	COMMERCIAL LAUNDRY, DRYCLEANING, AND PRESSING MACHINE MANUFACTURING
333313	OFFICE MACHINERY MANUFACTURING
333315	PHOTOGRAPHIC AND PHOTOCOPYING EQUIPMENT MANUFACTURING
333319	OTHER COMMERCIAL AND SERVICE INDUSTRY MACHINERY MANUFACTURING
3334	VENTILATION, HEATING, AIR-CONDITIONING, AND COMMERCIAL REFRIGERATION EQUIPMENT MANUFACTURING
333411	AIR PURIFICATION EQUIPMENT MANUFACTURING
333412	INDUSTRIAL AND COMMERCIAL FAN AND BLOWER MANUFACTURING
3335	METALWORKING MACHINERY MANUFACTURING
333512	MACHINE TOOL (METAL CUTTING TYPES) MANUFACTURING
333513	MACHINE TOOL (METAL FORMING TYPES) MANUFACTURING
333516	ROLLING MILL MACHINERY AND EQUIPMENT MANUFACTURING
333518	OTHER METALWORKING MACHINERY MANUFACTURING
3336	ENGINE, TURBINE, AND POWER TRANSMISSION EQUIPMENT MANUFACTURING
3339	OTHER GENERAL PURPOSE MACHINERY MANUFACTURING
334	COMPUTER AND ELECTRONIC PRODUCT MANUFACTURING
3341	COMPUTER AND PERIPHERAL EQUIPMENT MANUFACTURING
334113	COMPUTER TERMINAL MANUFACTURING
334119	OTHER COMPUTER PERIPHERAL EQUIPMENT MANUFACTURING
3342	COMMUNICATIONS EQUIPMENT MANUFACTURING
3343	AUDIO AND VIDEO EQUIPMENT MANUFACTURING
3344	SEMICONDUCTOR AND OTHER ELECTRONIC COMPONENT MANUFACTURING
334411	ELECTRON TUBE MANUFACTURING
334414	ELECTRONIC CAPACITOR MANUFACTURING
334415	ELECTRONIC RESISTOR MANUFACTURING
3345	NAVIGATIONAL, MEASURING, ELECTROMEDICAL, AND CONTROL INSTRUMENTS MANUFACTURING
334518	WATCH, CLOCK, AND PART MANUFACTURING
3346	MANUFACTURING AND REPRODUCING MAGNETIC AND OPTICAL MEDIA
334611	SOFTWARE REPRODUCING
334612	PRERECORDED COMPACT DISC (EXCEPT SOFTWARE), TAPE, AND RECORD REPRODUCING
335	ELECTRICAL EQUIPMENT, APPLIANCE, AND COMPONENT MANUFACTURING

3351	ELECTRIC LIGHTING EQUIPMENT MANUFACTURING
3352	HOUSEHOLD APPLIANCE MANUFACTURING
335211	ELECTRIC HOUSEWARES AND HOUSEHOLD FAN MANUFACTURING
335212	HOUSEHOLD VACUUM CLEANER MANUFACTURING
3353	ELECTRICAL EQUIPMENT MANUFACTURING
3359	OTHER ELECTRICAL EQUIPMENT AND COMPONENT MANUFACTURING
336	TRANSPORTATION EQUIPMENT MANUFACTURING
3361	MOTOR VEHICLE MANUFACTURING
3362	MOTOR VEHICLE BODY AND TRAILER MANUFACTURING
3363	MOTOR VEHICLE PARTS MANUFACTURING
336311	CARBURETOR, PISTON, PISTON RING, AND VALVE MANUFACTURING
336312	GASOLINE ENGINE AND ENGINE PARTS MANUFACTURING
336321	VEHICULAR LIGHTING EQUIPMENT MANUFACTURING
336322	OTHER MOTOR VEHICLE ELECTRICAL AND ELECTRONIC EQUIPMENT MANUFACTURING
336391	MOTOR VEHICLE AIR-CONDITIONING MANUFACTURING
336399	ALL OTHER MOTOR VEHICLE PARTS MANUFACTURING
3364	AEROSPACE PRODUCT AND PARTS MANUFACTURING
3365	RAILROAD ROLLING STOCK MANUFACTURING
3366	SHIP AND BOAT BUILDING
3369	OTHER TRANSPORTATION EQUIPMENT MANUFACTURING
337	FURNITURE AND RELATED PRODUCT MANUFACTURING
3371	HOUSEHOLD AND INSTITUTIONAL FURNITURE AND KITCHEN CABINET MANUFACTURING
337129	WOOD TELEVISION, RADIO, AND SEWING MACHINE CABINET MANUFACTURING
3372	OFFICE FURNITURE (INCLUDING FIXTURES) MANUFACTURING
3379	OTHER FURNITURE RELATED PRODUCT MANUFACTURING
339	MISCELLANEOUS MANUFACTURING
3391	MEDICAL EQUIPMENT AND SUPPLIES MANUFACTURING
339111	LABORATORY APPARATUS AND FURNITURE MANUFACTURING
3399	OTHER MISCELLANEOUS MANUFACTURING
339911	JEWELRY (EXCEPT COSTUME) MANUFACTURING
339912	SILVERWARE AND HOLLOWWARE MANUFACTURING
339913	JEWELERS' MATERIAL AND LAPIDARY WORK MANUFACTURING
339914	COSTUME JEWELRY AND NOVELTY MANUFACTURING
339931	DOLL AND STUFFED TOY MANUFACTURING
339932	GAME, TOY, AND CHILDREN'S VEHICLE MANUFACTURING
339941	PEN AND MECHANICAL PENCIL MANUFACTURING
339942	LEAD PENCIL AND ART GOOD MANUFACTURING
339943	MARKING DEVICE MANUFACTURING
339944	CARBON PAPER AND INKED RIBBON MANUFACTURING

42	WHOLESALE TRADE
421	WHOLESALE TRADE, DURABLE GOODS
4211	MOTOR VEHICLE AND MOTOR VEHICLE PARTS AND SUPPLIES WHOLESALERS
42111(0)	AUTOMOBILE AND OTHER MOTOR VEHICLE WHOLESALERS
42112(0)	MOTOR VEHICLE SUPPLIES AND NEW PARTS WHOLESALERS
42113(0)	TIRE AND TUBE WHOLESALERS
42114(0)	MOTOR VEHICLE PARTS (USED) WHOLESALERS
4212	FURNITURE AND HOME FURNISHING WHOLESALERS
42121(0)	FURNITURE WHOLESALERS
42122(0)	HOME FURNISHING WHOLESALERS
4213	LUMBER AND OTHER CONSTRUCTION MATERIALS WHOLESALERS
42131(0)	LUMBER, PLYWOOD, MILLWORK, AND WOOD PANEL WHOLESALERS
42132(0)	BRICK, STONE, AND RELATED CONSTRUCTION MATERIAL WHOLESALERS
42133(0)	ROOFING, SIDING, AND INSULATION MATERIAL WHOLESALERS
42139(0)	OTHER CONSTRUCTION MATERIAL WHOLESALERS
4214	PROFESSIONAL AND COMMERCIAL EQUIPMENT AND SUPPLIES WHOLESALERS
42141(0)	PHOTOGRAPHIC EQUIPMENT AND SUPPLIES WHOLESALERS
42142(0)	OFFICE EQUIPMENT WHOLESALERS
42143(0)	COMPUTER AND COMPUTER PERIPHERAL EQUIPMENT AND SOFTWARE WHOLESALERS
42144(0)	OTHER COMMERCIAL EQUIPMENT WHOLESALERS
42145(0)	MEDICAL, DENTAL, AND HOSPITAL EQUIPMENT AND SUPPLIES WHOLESALERS
42146(0)	OPHTHALMIC GOODS WHOLESALERS
42149(0)	OTHER PROFESSIONAL EQUIPMENT AND SUPPLIES WHOLESALERS
4215	METAL AND MINERAL (EXCEPT PETROLEUM) WHOLESALERS
42151(0)	METAL SERVICE CENTERS AND OFFICES
42152(0)	COAL AND OTHER MINERAL AND ORE WHOLESALERS
4216	ELECTRICAL GOODS WHOLESALERS
42161(0)	ELECTRICAL APPARATUS AND EQUIPMENT, WIRING SUPPLIES, AND CONSTRUCTION MATERIAL WHOLESALERS
42162(0)	ELECTRICAL APPLIANCE, TELEVISION, AND RADIO SET WHOLESALERS
42169(0)	OTHER ELECTRONIC PARTS AND EQUIPMENT WHOLESALERS
4217	HARDWARE, AND PLUMBING AND HEATING EQUIPMENT AND SUPPLIES WHOLESALERS
42171(0)	HARDWARE WHOLESALERS
42172(0)	PLUMBING AND HEATING EQUIPMENT AND SUPPLIES (HYDRONICS) WHOLESALERS
42173(0)	WARM AIR HEATING AND AIR-CONDITIONING EQUIPMENT AND SUPPLIES WHOLESALERS
42174(0)	REFRIGERATION EQUIPMENT AND SUPPLIES WHOLESALERS
4218	MACHINERY, EQUIPMENT, AND SUPPLIES WHOLESALERS
42181(0)	CONSTRUCTION AND MINING (EXCEPT OIL WELL) MACHINERY AND EQUIPMENT WHOLESALERS

42182(0)	FARM AND GARDEN MACHINERY AND EQUIPMENT WHOLESALERS
42183(0)	INDUSTRIAL MACHINERY AND EQUIPMENT WHOLESALERS
42184(0)	INDUSTRIAL SUPPLIES WHOLESALERS
42185(0)	SERVICE ESTABLISHMENT EQUIPMENT AND SUPPLIES WHOLESALERS
42186(0)	TRANSPORTATION EQUIPMENT AND SUPPLIES (EXCEPT MOTOR VEHICLE) WHOLESALERS
4219	MISCELLANEOUS DURABLE GOODS WHOLESALERS
42191(0)	SPORTING AND RECREATIONAL GOODS AND SUPPLIES WHOLESALERS
42192(0)	TOY AND HOBBY GOODS AND SUPPLIES WHOLESALERS
42193(0)	RECYCLABLE MATERIAL WHOLESALERS
42194(0)	JEWELRY, WATCH, PRECIOUS STONE, AND PRECIOUS METAL WHOLESALERS
42199(0)	OTHER MISCELLANEOUS DURABLE GOODS WHOLESALERS
422	WHOLESALE TRADE, NONDURABLE GOODS
4221	PAPER AND PAPER PRODUCT WHOLESALERS
42211(0)	PRINTING AND WRITING PAPER WHOLESALERS
42212(0)	STATIONERY AND OFFICE SUPPLIES WHOLESALERS
42213(0)	INDUSTRIAL AND PERSONAL SERVICE PAPER WHOLESALERS
4222	DRUGS AND DRUGGISTS' SUNDRIES WHOLESALERS
42221(0)	DRUGS AND DRUGGISTS' SUNDRIES WHOLESALERS
4223	APPAREL, PIECE GOODS, AND NOTIONS WHOLESALERS
42231(0)	PIECE GOODS, NOTIONS, AND OTHER DRY GOODS WHOLESALERS
42232(0)	MEN'S AND BOYS' CLOTHING AND FURNISHINGS WHOLESALERS
42233(0)	WOMEN'S, CHILDREN'S, AND INFANTS' CLOTHING AND ACCESSORIES WHOLESALERS
42234(0)	FOOTWEAR WHOLESALERS
4224	GROCERY AND RELATED PRODUCT WHOLESALERS
42241(0)	GENERAL LINE GROCERY WHOLESALERS
42242(0)	PACKAGED FROZEN FOOD WHOLESALERS
42243(0)	DAIRY PRODUCT (EXCEPT DRIED OR CANNED) WHOLESALERS
42244(0)	POULTRY AND POULTRY PRODUCT WHOLESALERS
42245(0)	CONFECTIONERY WHOLESALERS
42246(0)	FISH AND SEAFOOD WHOLESALERS
42247(0)	MEAT AND MEAT PRODUCT WHOLESALERS
42248(0)	FRESH FRUIT AND VEGETABLE WHOLESALERS
42249(0)	OTHER GROCERY AND RELATED PRODUCTS WHOLESALERS
4225	FARM PRODUCT RAW MATERIAL WHOLESALERS
42251(0)	GRAIN AND FIELD BEAN WHOLESALERS
42252(0)	LIVESTOCK WHOLESALERS
42259(0)	OTHER FARM PRODUCT RAW MATERIAL WHOLESALERS
4226	CHEMICAL AND ALLIED PRODUCTS WHOLESALERS
42261(0)	PLASTICS MATERIALS AND BASIC FORMS AND SHAPES WHOLESALERS

42269(0)	OTHER CHEMICAL AND ALLIED PRODUCTS WHOLESALERS
4227	PETROLEUM AND PETROLEUM PRODUCTS WHOLESALERS
42271(0)	PETROLEUM BULK STATIONS AND TERMINALS
42272(0)	PETROLEUM AND PETROLEUM PRODUCTS WHOLESALERS (EXCEPT BULK STATIONS AND TERMINALS)
4228	BEER, WINE, AND DISTILLED ALCOHOLIC BEVERAGE WHOLESALERS
42281(0)	BEER AND ALE WHOLESALERS
42282(0)	WINE AND DISTILLED ALCOHOLIC BEVERAGE WHOLESALERS
4229	MISCELLANEOUS NONDURABLE GOODS WHOLESALERS
42291(0)	FARM SUPPLIES WHOLESALERS
42292(0)	BOOK, PERIODICAL, AND NEWSPAPER WHOLESALERS
42293(0)	FLOWER, NURSERY STOCK, AND FLORISTS' SUPPLIES WHOLESALERS
42294(0)	TOBACCO AND TOBACCO PRODUCT WHOLESALERS
42295(0)	PAINT, VARNISH, AND SUPPLIES WHOLESALERS
42299(0)	OTHER MISCELLANEOUS NONDURABLE GOODS WHOLESALERS
423	MERCHANT WHOLESALERS, DURABLE GOODS
4231	MOTOR VEHICLE AND MOTOR VEHICLE PARTS AND SUPPLIES MERCHANT WHOLESALERS
4232	FURNITURE AND HOME FURNISHING MERCHANT WHOLESALERS
4233	LUMBER AND OTHER CONSTRUCTION MATERIALS MERCHANT WHOLESALERS
4234	PROFESSIONAL AND COMMERCIAL EQUIPMENT AND SUPPLIES MERCHANT WHOLESALERS
4235	METAL AND MINERAL (EXCEPT PETROLEUM) MERCHANT WHOLESALERS
4236	ELECTRICAL AND ELECTRONIC GOODS MERCHANT WHOLESALERS
4237	HARDWARE, AND PLUMBING AND HEATING EQUIPMENT AND SUPPLIES MERCHANT WHOLESALERS
4238	MACHINERY, EQUIPMENT, AND SUPPLIES MERCHANT WHOLESALERS
4239	MISCELLANEOUS DURABLE GOODS MERCHANT WHOLESALERS
424	MERCHANT WHOLESALERS, NONDURABLE GOODS
4241	PAPER AND PAPER PRODUCT MERCHANT WHOLESALERS
4242	DRUGS AND DRUGGISTS' SUNDRIES MERCHANT WHOLESALERS
4243	APPAREL, PIECE GOODS, AND NOTIONS MERCHANT WHOLESALERS
4244	GROCERY AND RELATED PRODUCT MERCHANT WHOLESALERS
4245	FARM PRODUCT RAW MATERIAL MERCHANT WHOLESALERS
4246	CHEMICAL AND ALLIED PRODUCTS MERCHANT WHOLESALERS
4247	PETROLEUM AND PETROLEUM PRODUCTS MERCHANT WHOLESALERS
4248	BEER, WINE, AND DISTILLED ALCOHOLIC BEVERAGE MERCHANT WHOLESALERS
4249	MISCELLANEOUS NONDURABLE GOODS MERCHANT WHOLESALERS
425	WHOLESALE ELECTRONIC MARKETS AND AGENTS AND BROKERS
4251	WHOLESALE ELECTRONIC MARKETS AND AGENTS AND BROKERS
44-45(0)	RETAIL TRADE

441	MOTOR VEHICLE AND PARTS DEALERS
4411	AUTOMOBILE DEALERS
4412	OTHER MOTOR VEHICLE DEALERS
441221	MOTORCYCLE, ATV, AND PERSONAL WATERCRAFT DEALERS
441229	ALL OTHER MOTOR VEHICLE DEALERS
4413	AUTOMOTIVE PARTS, ACCESSORIES, AND TIRE STORES
442	FURNITURE AND HOME FURNISHINGS STORES
4421	FURNITURE STORES
4422	HOME FURNISHINGS STORES
443	ELECTRONICS AND APPLIANCE STORES
4431	ELECTRONICS AND APPLIANCE STORES
44311(0)	APPLIANCE, TELEVISION, AND OTHER ELECTRONICS STORES
443111	HOUSEHOLD APPLIANCE STORES
443112	RADIO, TELEVISION, AND OTHER ELECTRONICS STORES
44312(0)	COMPUTER AND SOFTWARE STORES
44313(0)	CAMERA AND PHOTOGRAPHIC SUPPLIES STORES
444	BUILDING MATERIAL AND GARDEN EQUIPMENT AND SUPPLIES DEALERS
4441	BUILDING MATERIAL AND SUPPLIES DEALERS
4442	LAWN AND GARDEN EQUIPMENT AND SUPPLIES STORES
445	FOOD AND BEVERAGE STORES
4451	GROCERY STORES
4452	SPECIALTY FOOD STORES
4453	BEER, WINE, AND LIQUOR STORES
446	HEALTH AND PERSONAL CARE STORES
4461	HEALTH AND PERSONAL CARE STORES
447	GASOLINE STATIONS
4471	GASOLINE STATIONS
448	CLOTHING AND CLOTHING ACCESSORIES STORES
4481	CLOTHING STORES
4482	SHOE STORES
4483	JEWELRY, LUGGAGE, AND LEATHER GOODS STORES
451	SPORTING GOODS, HOBBY, BOOK, AND MUSIC STORES
4511	SPORTING GOODS, HOBBY, AND MUSICAL INSTRUMENT STORES
4512	BOOK, PERIODICAL, AND MUSIC STORES
45122(0)	PRERECORDED TAPE, COMPACT DISC, AND RECORD STORES
452	GENERAL MERCHANDISE STORES
4521	DEPARTMENT STORES
4529	OTHER GENERAL MERCHANDISE STORES
453	MISCELLANEOUS STORE RETAILERS

4531	FLORISTS
4532	OFFICE SUPPLIES, STATIONERY, AND GIFT STORES
4533	USED MERCHANDISE STORES
4539	OTHER MISCELLANEOUS STORE RETAILERS
454	NONSTORE RETAILERS
4541	ELECTRONIC SHOPPING AND MAIL-ORDER HOUSES
4542	VENDING MACHINE OPERATORS
4543	DIRECT SELLING ESTABLISHMENTS
454311	HEATING OIL DEALERS
454312	LIQUEFIED PETROLEUM GAS (BOTTLED GAS) DEALERS
454319	OTHER FUEL DEALERS
48-49(0)	TRANSPORTATION AND WAREHOUSING
481	AIR TRANSPORTATION
4811	SCHEDULED AIR TRANSPORTATION
4812	NONSCHEDULED AIR TRANSPORTATION
482	RAIL TRANSPORTATION
4821	RAIL TRANSPORTATION
483	WATER TRANSPORTATION
4831	DEEP SEA, COASTAL, AND GREAT LAKES WATER TRANSPORTATION
4832	INLAND WATER TRANSPORTATION
484	TRUCK TRANSPORTATION
4841	GENERAL FREIGHT TRUCKING
4842	SPECIALIZED FREIGHT TRUCKING
485	TRANSIT AND GROUND PASSENGER TRANSPORTATION
4851	URBAN TRANSIT SYSTEMS
4852	INTERURBAN AND RURAL BUS TRANSPORTATION
4853	TAXI AND LIMOUSINE SERVICE
4854	SCHOOL AND EMPLOYEE BUS TRANSPORTATION
4855	CHARTER BUS INDUSTRY
4859	OTHER TRANSIT AND GROUND PASSENGER TRANSPORTATION
486	PIPELINE TRANSPORTATION
4861	PIPELINE TRANSPORTATION OF CRUDE OIL
4862	PIPELINE TRANSPORTATION OF NATURAL GAS
4869	OTHER PIPELINE TRANSPORTATION
487	SCENIC AND SIGHTSEEING TRANSPORTATION
4871	SCENIC AND SIGHTSEEING TRANSPORTATION, LAND
4872	SCENIC AND SIGHTSEEING TRANSPORTATION, WATER
4879	SCENIC AND SIGHTSEEING TRANSPORTATION, OTHER
488	SUPPORT ACTIVITIES FOR TRANSPORTATION

4881	SUPPORT ACTIVITIES FOR AIR TRANSPORTATION
4882	SUPPORT ACTIVITIES FOR RAIL TRANSPORTATION
4883	SUPPORT ACTIVITIES FOR WATER TRANSPORTATION
4884	SUPPORT ACTIVITIES FOR ROAD TRANSPORTATION
4885	FREIGHT TRANSPORTATION ARRANGEMENT
4889	OTHER SUPPORT ACTIVITIES FOR TRANSPORTATION
491	POSTAL SERVICE
4911	POSTAL SERVICE
492	COURIERS AND MESSENGERS
4921	COURIERS AND EXPRESS DELIVERY SERVICES
4922	LOCAL MESSENGERS AND LOCAL DELIVERY
493	WAREHOUSING AND STORAGE
4931	WAREHOUSING AND STORAGE
51	INFORMATION
511	PUBLISHING INDUSTRIES (EXCEPT INTERNET)
5111	NEWSPAPER, PERIODICAL, BOOK, AND DIRECTORY PUBLISHERS
5112	SOFTWARE PUBLISHERS
512	MOTION PICTURE AND SOUND RECORDING INDUSTRIES
5121	MOTION PICTURE AND VIDEO INDUSTRIES
5122	SOUND RECORDING INDUSTRIES
513	BROADCASTING AND TELECOMMUNICATIONS
5131	RADIO AND TELEVISION BROADCASTING
51311(0)	RADIO BROADCASTING
513111	RADIO NETWORKS
513112	RADIO STATIONS
51312(0)	TELEVISION BROADCASTING
5132	CABLE NETWORKS AND PROGRAM DISTRIBUTION
51321(0)	CABLE NETWORKS
51322(0)	CABLE AND OTHER PROGRAM DISTRIBUTION
5133	TELECOMMUNICATIONS
51331(0)	WIRED TELECOMMUNICATIONS CARRIERS
51332(0)	WIRELESS TELECOMMUNICATIONS CARRIERS (EXCEPT SATELLITE)
513321	PAGING
513322	CELLULAR AND OTHER WIRELESS TELECOMMUNICATIONS
51333(0)	TELECOMMUNICATIONS RESELLERS
51334(0)	SATELLITE TELECOMMUNICATIONS
51339(0)	OTHER TELECOMMUNICATIONS
514	INFORMATION SERVICES AND DATA PROCESSING SERVICES
5141	INFORMATION SERVICES

51411(0)	NEWS SYNDICATES
51412(0)	LIBRARIES AND ARCHIVES
51419(0)	OTHER INFORMATION SERVICES
514191	ON-LINE INFORMATION SERVICES
514199	ALL OTHER INFORMATION SERVICES
5142	DATA PROCESSING SERVICES
51421(0)	DATA PROCESSING SERVICES
515	BROADCASTING (EXCEPT INTERNET)
5151	RADIO AND TELEVISION BROADCASTING
5152	CABLE AND OTHER SUBSCRIPTION PROGRAMMING
516	INTERNET PUBLISHING AND BROADCASTING
5161	INTERNET PUBLISHING AND BROADCASTING
51611(0)	INTERNET PUBLISHING AND BROADCASTING
517	TELECOMMUNICATIONS
5171	WIRED TELECOMMUNICATIONS CARRIERS
5172	WIRELESS TELECOMMUNICATIONS CARRIERS (EXCEPT SATELLITE)
517211	PAGING
517212	CELLULAR AND OTHER WIRELESS TELECOMMUNICATIONS
5173	TELECOMMUNICATIONS RESELLERS
51731(0)	TELECOMMUNICATIONS RESELLERS
5174	SATELLITE TELECOMMUNICATIONS
5175	CABLE AND OTHER PROGRAM DISTRIBUTION
51751(0)	CABLE AND OTHER PROGRAM DISTRIBUTION
5179	OTHER TELECOMMUNICATIONS
518	DATA PROCESSING, HOSTING AND RELATED SERVICES
5181	INTERNET SERVICE PROVIDERS AND WEB SEARCH PORTALS
51811(0)	INTERNET SERVICE PROVIDERS AND WEB SEARCH PORTALS
518111	INTERNET SERVICE PROVIDERS
518112	WEB SEARCH PORTALS
5182	DATA PROCESSING, HOSTING, AND RELATED SERVICES
519	OTHER INFORMATION SERVICES
5191	OTHER INFORMATION SERVICES
52	FINANCE AND INSURANCE
521	MONETARY AUTHORITIES-CENTRAL BANK
5211	MONETARY AUTHORITIES-CENTRAL BANK
522	CREDIT INTERMEDIATION AND RELATED ACTIVITIES
5221	DEPOSITORY CREDIT INTERMEDIATION
5222	NONDEPOSITORY CREDIT INTERMEDIATION
5223	ACTIVITIES RELATED TO CREDIT INTERMEDIATION

523	SECURITIES, COMMODITY CONTRACTS, AND OTHER FINANCIAL INVESTMENTS AND RELATED ACTIVITIES
5231	SECURITIES AND COMMODITY CONTRACTS INTERMEDIATION AND BROKERAGE
5232	SECURITIES AND COMMODITY EXCHANGES
5239	OTHER FINANCIAL INVESTMENT ACTIVITIES
524	INSURANCE CARRIERS AND RELATED ACTIVITIES
5241	INSURANCE CARRIERS
5242	AGENCIES, BROKERAGES, AND OTHER INSURANCE RELATED ACTIVITIES
525	FUNDS, TRUSTS, AND OTHER FINANCIAL VEHICLES
5251	INSURANCE AND EMPLOYEE BENEFIT FUNDS
5259	OTHER INVESTMENT POOLS AND FUNDS
52593(0)	REAL ESTATE INVESTMENT TRUSTS
53	REAL ESTATE AND RENTAL AND LEASING
531	REAL ESTATE
5311	LESSORS OF REAL ESTATE
5312	OFFICES OF REAL ESTATE AGENTS AND BROKERS
5313	ACTIVITIES RELATED TO REAL ESTATE
532	RENTAL AND LEASING SERVICES
5321	AUTOMOTIVE EQUIPMENT RENTAL AND LEASING
5322	CONSUMER GOODS RENTAL
5323	GENERAL RENTAL CENTERS
5324	COMMERCIAL AND INDUSTRIAL MACHINERY AND EQUIPMENT RENTAL AND LEASING
533	LESSORS OF NONFINANCIAL INTANGIBLE ASSETS (EXCEPT COPYRIGHTED WORKS)
5331	LESSORS OF NONFINANCIAL INTANGIBLE ASSETS (EXCEPT COPYRIGHTED WORKS)
54	PROFESSIONAL, SCIENTIFIC, AND TECHNICAL SERVICES
541	PROFESSIONAL, SCIENTIFIC, AND TECHNICAL SERVICES
5411	LEGAL SERVICES
5412	ACCOUNTING, TAX PREPARATION, BOOKKEEPING, AND PAYROLL SERVICES
5413	ARCHITECTURAL, ENGINEERING, AND RELATED SERVICES
5414	SPECIALIZED DESIGN SERVICES
5415	COMPUTER SYSTEMS DESIGN AND RELATED SERVICES
5416	MANAGEMENT, SCIENTIFIC, AND TECHNICAL CONSULTING SERVICES
5417	SCIENTIFIC RESEARCH AND DEVELOPMENT SERVICES
5418	ADVERTISING, PUBLIC RELATIONS, AND RELATED SERVICES
5419	OTHER PROFESSIONAL, SCIENTIFIC, AND TECHNICAL SERVICES
55	MANAGEMENT OF COMPANIES AND ENTERPRISES
551	MANAGEMENT OF COMPANIES AND ENTERPRISES
5511	MANAGEMENT OF COMPANIES AND ENTERPRISES
56	ADMINISTRATIVE AND SUPPORT AND WASTE MANAGEMENT AND REMEDIATION SERVICES

561	ADMINISTRATIVE AND SUPPORT SERVICES
5611	OFFICE ADMINISTRATIVE SERVICES
5612	FACILITIES SUPPORT SERVICES
5613	EMPLOYMENT SERVICES
5614	BUSINESS SUPPORT SERVICES
5615	TRAVEL ARRANGEMENT AND RESERVATION SERVICES
5616	INVESTIGATION AND SECURITY SERVICES
5617	SERVICES TO BUILDINGS AND DWELLINGS
5619	OTHER SUPPORT SERVICES
562	WASTE MANAGEMENT AND REMEDIATION SERVICES
5621	WASTE COLLECTION
5622	WASTE TREATMENT AND DISPOSAL
5629	REMEDIATION AND OTHER WASTE MANAGEMENT SERVICES
61	EDUCATIONAL SERVICES
611	EDUCATIONAL SERVICES
6111	ELEMENTARY AND SECONDARY SCHOOLS
6112	JUNIOR COLLEGES
6113	COLLEGES, UNIVERSITIES, AND PROFESSIONAL SCHOOLS
6114	BUSINESS SCHOOLS AND COMPUTER AND MANAGEMENT TRAINING
6115	TECHNICAL AND TRADE SCHOOLS
6116	OTHER SCHOOLS AND INSTRUCTION
6117	EDUCATIONAL SUPPORT SERVICES
62	HEALTH CARE AND SOCIAL ASSISTANCE
621	AMBULATORY HEALTH CARE SERVICES
6211	OFFICES OF PHYSICIANS
6212	OFFICES OF DENTISTS
6213	OFFICES OF OTHER HEALTH PRACTITIONERS
6214	OUTPATIENT CARE CENTERS
6215	MEDICAL AND DIAGNOSTIC LABORATORIES
6216	HOME HEALTH CARE SERVICES
6219	OTHER AMBULATORY HEALTH CARE SERVICES
622	HOSPITALS
6221	GENERAL MEDICAL AND SURGICAL HOSPITALS
6222	PSYCHIATRIC AND SUBSTANCE ABUSE HOSPITALS
6223	SPECIALTY (EXCEPT PSYCHIATRIC AND SUBSTANCE ABUSE) HOSPITALS
623	NURSING AND RESIDENTIAL CARE FACILITIES
6231	NURSING CARE FACILITIES
6232	RESIDENTIAL MENTAL RETARDATION, MENTAL HEALTH AND SUBSTANCE ABUSE FACILITIES
6233	COMMUNITY CARE FACILITIES FOR THE ELDERLY

6239	OTHER RESIDENTIAL CARE FACILITIES
624	SOCIAL ASSISTANCE
6241	INDIVIDUAL AND FAMILY SERVICES
6242	COMMUNITY FOOD AND HOUSING, AND EMERGENCY AND OTHER RELIEF SERVICES
6243	VOCATIONAL REHABILITATION SERVICES
6244	CHILD DAY CARE SERVICES
71	ARTS, ENTERTAINMENT, AND RECREATION
711	PERFORMING ARTS, SPECTATOR SPORTS, AND RELATED INDUSTRIES
7111	PERFORMING ARTS COMPANIES
7112	SPECTATOR SPORTS
7113	PROMOTERS OF PERFORMING ARTS, SPORTS, AND SIMILAR EVENTS
7114	AGENTS AND MANAGERS FOR ARTISTS, ATHLETES, ENTERTAINERS, AND OTHER PUBLIC FIGURES
7115	INDEPENDENT ARTISTS, WRITERS, AND PERFORMERS
712	MUSEUMS, HISTORICAL SITES, AND SIMILAR INSTITUTIONS
7121	MUSEUMS, HISTORICAL SITES, AND SIMILAR INSTITUTIONS
713	AMUSEMENT, GAMBLING, AND RECREATION INDUSTRIES
7131	AMUSEMENT PARKS AND ARCADES
7132	GAMBLING INDUSTRIES
7139	OTHER AMUSEMENT AND RECREATION INDUSTRIES
72	ACCOMMODATION AND FOOD SERVICES
721	ACCOMMODATION
7211	TRAVELER ACCOMMODATION
7212	RV (RECREATIONAL VEHICLE) PARKS AND RECREATIONAL CAMPS
7213	ROOMING AND BOARDING HOUSES
722	FOOD SERVICES AND DRINKING PLACES
7221	FULL-SERVICE RESTAURANTS
72211(0)	FULL-SERVICE RESTAURANTS
7222	LIMITED-SERVICE EATING PLACES
72221(0)	LIMITED-SERVICE EATING PLACES
722211	LIMITED-SERVICE RESTAURANTS
722212	CAFETERIAS, GRILL BUFFETS, AND BUFFETS
722213	SNACK AND NONALCOHOLIC BEVERAGE BARS
7223	SPECIAL FOOD SERVICES
7224	DRINKING PLACES (ALCOHOLIC BEVERAGES)
7225	RESTAURANTS AND OTHER EATING PLACES
81	OTHER SERVICES (EXCEPT PUBLIC ADMINISTRATION)
811	REPAIR AND MAINTENANCE
8111	AUTOMOTIVE REPAIR AND MAINTENANCE

8112	ELECTRONIC AND PRECISION EQUIPMENT REPAIR AND MAINTENANCE
8113	COMMERCIAL AND INDUSTRIAL MACHINERY AND EQUIPMENT (EXCEPT AUTOMOTIVE AND ELECTRONIC) REPAIR AND MAINTENANCE
8114	PERSONAL AND HOUSEHOLD GOODS REPAIR AND MAINTENANCE
812	PERSONAL AND LAUNDRY SERVICES
8121	PERSONAL CARE SERVICES
8122	DEATH CARE SERVICES
8123	DRYCLEANING AND LAUNDRY SERVICES
8129	OTHER PERSONAL SERVICES
813	RELIGIOUS, GRANTMAKING, CIVIC, PROFESSIONAL, AND SIMILAR ORGANIZATIONS
8131	RELIGIOUS ORGANIZATIONS
8132	GRANTMAKING AND GIVING SERVICES
8133	SOCIAL ADVOCACY ORGANIZATIONS
8134	CIVIC AND SOCIAL ORGANIZATIONS
8139	BUSINESS, PROFESSIONAL, LABOR, POLITICAL, AND SIMILAR ORGANIZATIONS
814	PRIVATE HOUSEHOLDS
8141	PRIVATE HOUSEHOLDS
92	PUBLIC ADMINISTRATION
921	EXECUTIVE, LEGISLATIVE, AND OTHER GENERAL GOVERNMENT SUPPORT
9211	EXECUTIVE, LEGISLATIVE, AND OTHER GENERAL GOVERNMENT SUPPORT
922	JUSTICE, PUBLIC ORDER, AND SAFETY ACTIVITIES
9221	JUSTICE, PUBLIC ORDER, AND SAFETY ACTIVITIES
923	ADMINISTRATION OF HUMAN RESOURCE PROGRAMS
9231	ADMINISTRATION OF HUMAN RESOURCE PROGRAMS
924	ADMINISTRATION OF ENVIRONMENTAL QUALITY PROGRAMS
9241	ADMINISTRATION OF ENVIRONMENTAL QUALITY PROGRAMS
925	ADMINISTRATION OF HOUSING PROGRAMS, URBAN PLANNING, AND COMMUNITY DEVELOPMENT
9251	ADMINISTRATION OF HOUSING PROGRAMS, URBAN PLANNING, AND COMMUNITY DEVELOPMENT
926	ADMINISTRATION OF ECONOMIC PROGRAMS
9261	ADMINISTRATION OF ECONOMIC PROGRAM
927	SPACE RESEARCH AND TECHNOLOGY
9271	SPACE RESEARCH AND TECHNOLOGY
928	NATIONAL SECURITY AND INTERNATIONAL AFFAIRS
9281	NATIONAL SECURITY AND INTERNATIONAL AFFAIRS

NATIONALLY-DEFINED VALUES - NON-NOTIFIER

Code	Description
E	Initially a non-notifier, subsequently determined to be exempt from requirements to notify
O	Former non-notifier
X	Non-notifier

NATIONALLY-DEFINED VALUES - OTHER PERMIT TYPE

Code	Description
A	Inter-state Regional Program
B	Single Wells - Federal Underground Injection Control Systems (FURS)
C	County Program
D	Department of Energy (DOE) Program
E	Other Environmental Protection Agency (EPA) Program
F	EPA 404 - Dredge or Fill Program
G	United States Geological Survey (USGS) Program
H	Area Wells - Federal Underground Injection Control Systems (FURS)
J	NOTIS
K	Superfund (CERCLIS)
L	FATES
M	Municipal (city, town, etc.) Program
N	National Pollutant Discharge Elimination System (NPDES) - Clean Water Act
P	Prevention of Significant Deterioration (PSD) - Clean Water Act
Q	CDS
R	Resource Conservation and Recovery Act (RCRA) - Hazardous Waste
S	State Program
T	Department of Transportation (DOT) Program
U	Underground Injection Control (UIC) - Safe Drinking Water Act
W	Intra-state Regional Program
X	Other Federal Program
Y	Chemicals in Commerce Information System (CICIS) - OTS
Z	Other Non-federal Program

NATIONALLY-DEFINED VALUES - OWNER/OPERATOR INDICATOR

Code	Description
CO	Current Owner
CP	Current Operator

LEGACY VALUES

Code	Description
PO	Previous Owner
PP	Previous Operator

NATIONALLY-DEFINED VALUES - RELATIONSHIP

Code	Name	Description
C	Converted from Second ID	Converted from HHANDLER2.SECOND_ID for the site being reported (prior to conversion on 03/02/2007).
F	Site Fragment	The id of a fragment that split from the site being reported.
G	Id Before Site Fragment	The id of a more extensive site from which the site being reported split.
J	Joined Site	The id of a site formed when the id being reported joined with another contiguous site(s).
K	Id Before Sites Joined	The id of one of several smaller contiguous sites that joined to form the site being reported.
M	Multiple Occupant	Is/was one of multiple occupants within the facility footprint.
N	Concurrent Ownership	An additional id intentionally issued to the site being reported for the same ownership and time interval.
O	Other	An id used at the site (no further details available).
P	Previous Id	An id used at the site being reported and is no longer used.
S	State Id	An id issued to a site by the State and may still be used by the State.
T	Redundant State Id	An id issued to a site by the State and is no longer used.
Y	Became Brownfields	An id issued when the site reported became a Brownfields site.
Z	Pre-Brownfields	An id used before the site being reported became a Brownfields site.

NATIONALLY-DEFINED VALUES - REGION

Code	Name	States in the Region
01	EPA Region 1	Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont
02	EPA Region 2	New Jersey, New York, Puerto Rico, Virgin Islands
03	EPA Region 3	Delaware, District of Columbia, Maryland, Pennsylvania, Virginia, West Virginia
04	EPA Region 4	Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee
05	EPA Region 5	Illinois, Indiana, Michigan, Minnesota, Ohio, Wisconsin
06	EPA Region 6	Arkansas, Louisiana, New Mexico, Oklahoma, Texas
07	EPA Region 7	Iowa, Kansas, Missouri, Nebraska
08	EPA Region 8	Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming
09	EPA Region 9	American Samoa, Arizona, California, Guam, Hawaii, Navajo Nations, Northern Marianas, Nevada, Trust Territories
10	EPA Region 10	Alaska, Idaho, Oregon, Washington

NATIONALLY-DEFINED VALUES - SOURCE TYPE

Code	Name	Description
A	Part A	Indicates that the site is and/or is planning to treat, store, or dispose of hazardous waste on-site in a unit that is not exempt from obtaining a hazardous waste permit.
B	Annual/Biennial Report update with Notification	
D	Deactivation	Indicates that the site is no RCRA regulated or State regulated Subtitle C hazardous waste activity is being conducted at the site or will be conducted at the site.
E	Emergency	Indicates that the site is regulated as the result of a waste generation situation that was unforeseen, uncontrollable, and short-term, and not expected to exceed 30 days.
I	Implementer	
K	Electronic Manifest Broker	Indicates that the site is obtaining an EPA Identification number to create and broker manifest transactions for handlers of hazardous waste.
N	Notification	Indicates that the site's waste activity is regulated under Subtitle C of the Resource Conservation and Recovery Act and the rules promulgated pursuant to the Act or the site is an eligible academic entity opting into 40 CFR 262 Subpart K or the site will begin managing hazardous secondary material under 40 CFR 261.2(a)(2)(ii), 40 CFR 261.4(a)(23), (24), or (25).
R	Annual/Biennial Report	
T	Temporary	

NATIONALLY-DEFINED VALUES - STATE

Code	Description
AL	ALABAMA
AK	ALASKA
AS	AMERICAN SAMOA
AZ	ARIZONA
AR	ARKANSAS
CA	CALIFORNIA
CO	COLORADO
CT	CONNECTICUT
DE	DELAWARE
DC	DISTRICT OF COLUMBIA
FL	FLORIDA
GA	GEORGIA
GU	GUAM
HI	HAWAII
ID	IDAHO
IL	ILLINOIS
IN	INDIANA
IA	IOWA
KS	KANSAS
KY	KENTUCKY
LA	LOUISIANA
ME	MAINE
MD	MARYLAND
MA	MASSACHUSETTS
MI	MICHIGAN
MN	MINNESOTA
MS	MISSISSIPPI
MO	MISSOURI
MT	MONTANA
NN	NAVAJO NATION
NE	NEBRASKA
NV	NEVADA
NH	NEW HAMPSHIRE
NJ	NEW JERSEY
NM	NEW MEXICO

NY	NEW YORK
NC	NORTH CAROLINA
ND	NORTH DAKOTA
MP	NORTHERN MARIANAS
OH	OHIO
OK	OKLAHOMA
OR	OREGON
PA	PENNSYLVANIA
PR	PUERTO RICO
RI	RHODE ISLAND
SC	SOUTH CAROLINA
SD	SOUTH DAKOTA
TN	TENNESSEE
TX	TEXAS
TT	TRUST TERRITORIES
UT	UTAH
VT	VERMONT
VI	VIRGIN ISLANDS
VA	VIRGINIA
WA	WASHINGTON
WV	WEST VIRGINIA
WI	WISCONSIN
WY	WYOMING

NATIONALLY-DEFINED VALUES - UNIVERSAL WASTE TYPE

Code	Description
B	Batteries
L	Lamps
P	Pesticides
T	Mercury Containing Equipment

Permitting Module

NATIONALLY-DEFINED VALUES - CAPACITY TYPE

Code	Description
D	Designed
O	Operating
P	Permitted

NATIONALLY-DEFINED VALUES - PERMIT EVENT

The Permit Event Codes are presented in the following categories:

- Closure - General
- Emergency Permit - General
- Operating Permit - General
- Operating Permit - Combustion
- Operating Permit - Waiver/WIthdrawals
- Operating Permit - Modifications
- Post-Closure - General
- Post-Closure - Waiver/Withdrawals
- Post-Closure - Modifications
- Post-Closure - Alternative Authority
- RD&D Permit - General

CLOSURE - GENERAL

Code	Name	Additional Information	Nationally-Required
CL005	Transfer of Ownership **Status Codes** (required) • NE - Newly Transferred to this Site • NO -No Longer Regulated at this Site		No
CL310	Closure Plan Received	The receipt of a closure plan required pursuant to 40 CFR 264/265 Subpart G or equivalent State requirements.	Yes
CL315	Intends to Seek Permit		No
CL320	Closure Plan Notice of Deficiency		No
CL330	Closure Revisions Received		No
CL340	Closure Public Notice		No
CL350	Closure Public Hearing/Public Meeting **Status Codes** (required) • PH - Formal Public		No

	Hearing • PM - Public Meeting		
CL360	Closure Plan Approved **Status Codes** (required) • ME - Final Closure • NO - Partial Closure	This issuance of written correspondence to the regulated facility indicating that the closure plan has been approved by the EPA or State for implementation.	Yes
CL362	Modification Requested		Yes
CL363	Modification Public Notice		Yes
CL364	Modification Determination - Approved		No
CL365	Modification Request Withdrawn		No
CL366	Modification Determination - Denied		No
CL369	Closure Under Corrective Action Enforceable Document **Status Codes** (required) • PR - Per the Post-Closure Rule • OT - Other	The imposition of site-specific requirements developed for corrective action with alternate requirements for closure as specified in 264.110(c)/265.110(d).	No
CL372	Review Closure Certification **Status Codes** (required) • CA - Certification is Acceptable • CU - Certification is Unacceptable		No
CL380	Closure Verification **Status Codes** (required) • CA - Clean Closure is Acceptable • CU - Clean Closure is Unacceptable • DA - Waste In-Place Closure is Acceptable	Verification by the EPA or State, through the review of data, site records, certification,s and/or visual inspection, of whether the closure has been completed satisfactorily.	Yes

	• DU - Waste In-Place Closure is Unacceptable		
CL390	Notice of Deed Registry Received		No
CL395	Equivalency Determination **Status Codes** (required) • EQ - Clean Closure Meets 40 CFR 264 Standard • CU - Clean Closure Does Not Meet 40 CFR 264 Standard		No
CL404	Review of Closure Plan Completed		No
CL411	Closure Process Begun According to Plan **Status Codes** (not required) • NO - Not According to Plan		No
CL413	Closure Period Completed		No
CL414	Facility Released From Closure Financial Assurance Requirement		No

EMERGENCY PERMIT - GENERAL

Code	Name	Additional Information	Nationally-Required
EP010	Emergency Permit Request Call-In		No
EP020	Emergency Permit Request Received		No
EP025	Confidentiality **Status Codes** (required) • CR - Confidentiality Requested		No

	• CS - Confidentiality Substantiated • CU - Confidentiality Unsubstantiated		
EP100	Notice of Deficiency		No
EP110	Revisions Received		No
EP150	Determined to be Complete and Technically Adequate		No
EP155	Emergency Permit Oral Approval		No
EP160	Public Notice **Status Codes** (required) • DP - Draft Permit • ID - Intent to Deny		No
EPA170	Public Hearing/Public Meeting **Status Codes** (required) • PH - Formal Public Hearing • PM - Public Meeting		No
EP180	Received Withdrawal Request		No
EP190	Withdrawal Request Approved		No
EP200	Emergency Permit Final Determination **Status Codes** (required) • PD - Permit Denied • PI - RCRA Permit Issued		No
EP205	Emergency Permit Effective		No
EP260	Permit Termination		No
EP270	Permit Expires		No
EP370	Receive Closure Certification		No
EP380	Closure Verification **Status Codes** (required) • CA - Clean Closure is		No

	Acceptable		

OPERATING PERMIT - GENERAL

Code	Name	Additional Information	Nationally-Required
OP001	Part A Received **Status Codes** (required) • CS - Request to Change Under Interim Status • IS - Initial Submittal • PB - Submitted with a Part B or Modification Request		No
OP002	Part A Determination **Status Codes** (required) • AK - Acknowledgement of Part A Receipt • AP - Approval of Interim Status Change • DR - Denied Request • VE - Verified by Inspection to Exist		No
OP003	Process Determination **Status Codes** (required) • AD - Agency (state or EPA) Determination • FD - Facility Certified Document • NE - Newly Transferred to this Site • NO - No Longer		No

	Regulated at this Site		
OP005	Transfer of Ownership **Status Codes** (required) • NE - Newly Transferred to this Site • NO - No Longer Regulated at this Site		No
OP010	Part B Call In	Written notification to the regulated faclity by the EPA or State indicating that an Operating Part B Permit Application is required and establishing a schedule for submittal.	Yes
OP020	Part B Received **Status Codes** (not required) • OR - Original Permit Application • RN - Renewal Application Received • SP - Standardized Permit Application Received	The receipt of Part B of the RCRA Operating Permit Application.	Yes
OP025	Confidentiality **Status Codes** (required) • CR - Confidentiality Requested • CS - Confidentiality Substantiated • CU - Confidentiality Unsubstantiated		No
OP100	Notice of Deficiency		No
OP110	Revisions Received		No
OP150	Determined to be Complete and Technically Adequate		No
OP160	Public Notice	The beginning of a public comment period where members of the publice can review the permit decision and provide comments to the EPA or	Yes

	Status Codes (required) • DP - Draft Permit • ID - Intent to Deny • OH - Other	State.	
OP170	Public Hearing/Public Meeting **Status Codes** (required) • PH - Formal Public Hearing • PM - Public Meeting		No
OP200	Final Determination **Status Codes** (required) • CA - HSWA/Corrective Action-only Permit • PD - Permit Denied • PG - RCRA Permit Issued with HSWA, No Corrective Action • PI - RCRA Permit Issued, HSWA Not Applicable • PJ - RCRA Permit Issued with HSWA Corrective Action Scheduled • PP - RCRA Permit Issued, No HSWA Permit Yet • SP - Standardized Permit	A final determination, made by the EPA or State, to issue or deny a RCRA Operating permit under 40 CFR 124.15 or equivalent State requirement. The determination should be made after addressing the applicable requirements of 40 CFR 124.6-18 or equivalent State requirement.	Yes
OP205	Final Permit Effective	The date upon which the permittee must be able to demonstrate compliance with the conditions of the final permit. The specific date will vary depending on the issuing authority. EPA-issued permits shall become effective 30 days after the service of notice of the decision (as indicated by OP200) unless: (1) a later effective date is specified in the decision; or (2) review is	Yes

		requested on the permit under 40 CFR 124.19 or (3) no comments requested a change in the draft permit, in which case the permit shall become effective immediately upon issuance.	
OP210	Determination Appealed		No
OP220	Appeal Settled **Status Codes** (required) • DI - Decision Issued with No Remand • RC - Remand Proceedings Completed		No
OP225	Permit Modification Call-In		No
OP250	Permit Reviewed		No
OP260	Permit Termination	The date that EPA or State terminates the Operating permit under 40 CFR 270.43 or equivalent State authority.	Yes
OP270	Permit Expiration Date	This event refers to the last day upon which the conditions and authorizations of the RCRA Operating permit are effective. This event should be entered as a scheduled date for all issued permits that are current (i.e. have not expired). An actual date should be entered once the expiration date has passed.	Yes
OP315	Intends to Close Permitted Units		No
OP403MO	Application Reviewed for Completeness **Status Codes** (required) • MO - Unknown		No
OP421	Permit Revoked and Reissued		No
OP423	Permit Transferred		No

OPERATING PERMIT - COMBUSTION

Code	Name	Additional Information	Nationally-Required
OP011	BIF Pre-Compliance Certification Submitted		No

OP012	BIF Pre-Compliance Certification Review Completed		No
OP013	BIF Notification of Compliance Testing		No
OP014	BIF Case-by-Case Compliance Extension Requested		No
OP016	BIF Case-by-Case Compliance Extension Granted **Status Codes** (required) • AR- Approved Request • DR - Denied Request		No
OP021	BIF Notification of Automatic Extension		No
OP022	BIF Compliance Certification Submitted		No
OP023	BIF Compliance Certification Review Completed		No
OP024	BIF Compliance Extension Expires		No
OP066	Trial Burn Plan Received		No
OP058	Trial Burn Plan Notice of Deficiency		No
OP070	Trial Burn Plan Approved		No
OP080	Trial Burn Conducted		No
OP090	Trial Burn Results Received		No
OP092	Trial Burn Results Notice of Deficiency		No
OP500	Combustion Risk Assessment Required		No
OP501	Combustion Risk Assessment Plan Submitted **Status Codes** (required) • FR - Full Risk Assessment • SC - Screening Risk Assessment		No
OP502	Combustion Risk Assessment Plan Notice of Deficiency		No
OP505	Combustion Risk Assessment		No

	Plan Approved		
OP507	Combustion Risk Assessment Report Submitted **Status Codes** (required) • FR - Full Risk Assessment • SC - Screening Risk Assessment		No
OP508	Combustion Risk Assessment Report Notice of Deficiency		No
OP510	Combustion Risk Assessment Report Approved		No
OP515	Combustion Risk-based Permit Conditions **Status Codes** (required) • NO - Conditions Not Needed • YE - Conditions Needed		No

OPERATING PERMIT - WAIVERS/WITHDRAWALS

Code	Name	Additional Information	Nationally-Required
OP120	Waiver Requested **Status Codes** (required) • 01 - Double Liner Waiver • 02 - Surface Impoundment Retrofit Waiver • 03 - Land Ban Petition Waiver • 04 - ACL Standards Waiver • 05 - Secondary Containment for Tanks Waiver		No

	• 06 - Groundwater Monitoring Waiver		
OP140	Waiver Request Approved **Status Codes** (required) • 01 - Double Liner Waiver • 02 - Surface Impoundment Retrofit Waiver • 03 - Land Ban Petition Waiver • 04 - ACL Standards Waiver • 05 - Secondary Containment for Tanks Waiver • 06 - Groundwater Monitoring Waiver		No
OP141	Waiver Request Denied **Status Codes** (required) • 01 - Double Liner Waiver • 02 - Surface Impoundment Retrofit Waiver • 03 - Land Ban Petition Waiver • 04 - ACL Standards Waiver • 05 - Secondary Containment for Tanks Waiver • 06 - Groundwater Monitoring Waiver		No
OP142	Waiver Request Withdrawn **Status Codes** (required) • 01 - Double Liner Waiver		No

	• 02 - Surface Impoundment Retrofit Waiver • 03 - Land Ban Petition Waiver • 04 - ACL Standards Waiver • 05 - Secondary Containment for Tanks Waiver • 06 - Groundwater Monitoring Waiver		
OP180	Received Withdrawal Request **Status Codes** (required) • DL - Delisted Waste • FC - Intends/Closed All Waste Handling Facility • FE - Applicant was a Protective Filer • LN - Applicant has/will go to Less Than 90 Days Storage • NW - Applicant has/will Handle Only Non-regulated Waste • OT - Other Reason for Withdrawal • SQ - Applicant has/will SQG with Onsite Storage		No
OP190	Withdrawal Request Determination **Status Codes** (required) • AR - Approved Request • DR - Denied Request		No

OPERATING PERMIT - MODIFICATIONS

Code	Name	Additional Information	Nationally-Required	Modification Type
OP230	Modification Requested **Status Codes** (required) • AC - Additional Capacity • AP - Additional Process • AU - Additional Unit • BF - Boiler and/or Industrial Furnace • CA - Corrective Action Modification • CB - Combustion • GW - Groundwater Monitoring Modification • MA - MACT Compliance • OH - Other Modification		No	Request
OP231	Class Determination **Status Codes** (required) • 10 - Class 1 Modification - No Prior Approval Required • 11 - Class 1 Modification - Prior Approval Required • 20 - Class 2 Modification		No	Subsequent

	• 30 - Class 3 Modification • AI - Agency Initiated Modification • MJ - Major • MN - Minor			
OP232	Modification Notice of Deficiency		No	Subsequent
OP233	Revised Permit Modification Received		No	Subsequent
OP235	Permit Modification Determined Complete and Technically Adequate		No	Subsequent
OP236	Permit Modification Public Notice **Status Codes** (required) • AP - Intent to Approve • ID - Intent to Deny		No	Subsequent
OP237	Public Hearing/Public Meeting **Status Codes** (required) • PH - Formal Public Hearing • PM - Public Meeting		No	Subsequent
OP240	Modification Approved **Status Codes** (required) • AC - Additional Capacity • AP - Additional Process • AU - Additional Unit • CA - Corrective		No	Subsequent

	Action Modification • CB - Combustion • GW - Groundwater Monitoring Modification • MA - MACT Compliance • OH - Other Modification • RW - Request Withdrawn			
OP241	Final Modification Effective Date		No	Subsequent
OP242	Significance Determination **Status Codes** (required) • NS - Not Significant • SI - Significant		No	Subsequent
OP245	Modification Denied		No	Subsequent

POST-CLOSURE - GENERAL

Code	Name	Additional Information	Nationally-Required
PC001	Part A Received **Status Codes** (required) • IS - Initial Submittal • PB - Submitted with a Part B or Modification Request		No
PC002	Part A Determination **Status Codes** (required) • AK - Acknowledgement		No

	of Part A Receipt • AP - Approval of Interim Status Change • DR - Denied Request		
PC005	Transfer of Ownership **Status Codes** (required) • NE - Newly Transferred to this Site • NO - No Longer Regulated at this Site		No
PC010	Post-Closure/HSWA Part B Call In	Written notification to the regulated facility by the EPA or State indicating that a Post-Closure/HSWA Part B Permit Application is required and establishing a schedule for submittal.	Yes
PC020	Post-Closure Part B Received **Status Codes** (not required) • OR - Original Permit Application • RN - Renewal Application Received	The receipt of Part B of the RCRA Post-Closure/HSWA Permit Application.	Yes
PC025	Confidentiality **Status Codes** (required) • CR - Confidentiality Requested • CS - Confidentiality Substantiated • CU - Confidentiality Unsubstantiated		No
PC100	Notice of Deficiency		No
PC110	Revisions Received		No
PC150	Determined to be Complete and Technically Adequate		No
PC160	Public Notice **Status Codes** (required)	The beginning of a public comment period where members of the public can review the permit decision and provide comments to the EPA or State.	Yes

	• DP - Draft Permit • ID - Intent to Deny • OH - Other		
PC170	Public Hearing/Public Meeting **Status Codes** (required) • PH - Formal Public Hearing • PM - Public Meeting		No
PC180	Received Withdrawal Request		No
PC190	Withdrawal Request **Status Codes** (required) • AR - Approved Request • DR - Denied Request		No
PC200	Final Determination **Status Codes** (required) • PD - Permit Denied • PG - RCRA Permit Issued with HSWA, No Corrective Action • PI - RCRA Permit Issued, HSWA Not Applicable • PJ - RCRA Permit Issued with HSWA Corrective Action Scheduled • PP - RCRA Permit Issued, No HSWA Permit Yet	A final determination, made by the EPA or State, to issue or deny a RCRA Post-Closure/HSWA permit under 40 CFR 124.15 or equivalent State requirement. The determination should be made after addressing the applicable requirements of 40 CFR 124.6-18 or equivalent State requirement.	Yes
PC205	Final Permit Effective	The date upon which the permittee must be able to demonstrate compliance with the conditions of the final permit. The specific date will vary depending on the issuing authority. EPA-issued permits shall become effective 30 days after the service of notice of the decision (as indicated by OP200) unless: (1) a later effective date is specified in the decision; or (2) review is requested on the permit under 40 CFR 124.19 or (3) no comments requested a change in	Yes

		the draft permit, in which case the permit shall become effective immediately upon issuance.	
PC210	Determination Appealed		No
PC220	Appeal Settled **Status Codes** (required) • DI - Decision Issued with No Remand • RC - Remand Proceedings Completed		No
PC250	Permit Reviewed		No
PC260	Permit Termination	The date that EPA or State terminates the Post-Closure/HSWA permit under 40 CFR 270.43 or equivalent State authority.	Yes
PC270	Permit Expiration Date	This event refers to the last day upon which the conditions and authorizations of the RCRA Post-Closure/HSWA permit are effective. This event should be entered as a scheduled date for all issued permits that are current (i.e. have not expired). An actual date should be entered once the expiration date has passed.	Yes

POST-CLOSURE - WAIVERS/WITHDRAWALS

Code	Name	Additional Information	Nationally-Required
PC120	Waiver Requested **Status Codes** (required) • 04 - ACL Standards Waiver • 06 - Groundwater Monitoring Waiver		No
PC140	Waiver Request Approved **Status Codes** (required) • 04 - ACL Standards Waiver • 06 - Groundwater Monitoring Waiver		No
PC141	Waiver Request Denied		No

	Status Codes (required) • 04 - ACL Standards Waiver • 06 - Groundwater Monitoring Waiver		
PC142	Waiver Request Withdrawn **Status Codes** (required) • 04 - ACL Standards Waiver • 06 - Groundwater Monitoring Waiver		No

POST-CLOSURE - MODIFICATIONS

Code	Name	Additional Information	Nationally-Required	Modification Type
PC225	Post-Closure Permit Modification Call-In		No	
PC230	Modification Requested **Status Codes** (required) • AU - Additional Unit • CA - Corrective Action Modification • GW - Groundwater Monitoring Modification • OH - Other Modification		No	Request
PC231	Class Determination **Status Codes** (required) • 10 - Class 1 Modification - No Prior		No	Subsequent

	Approval Required • 11 - Class 1 Modification - Prior Approval Required • 20 - Class 2 Modification • 30 - Class 3 Modification • AI - Agency Initiated Modification • MJ - Major • MN - Minor			
PC232	Modification Notice of Deficiency		No	Subsequent
PC233	Revised Permit Modification Received		No	Subsequent
PC235	Permit Modification Determined Complete and Technically Adequate		No	Subsequent
PC236	Permit Modification Public Notice **Status Codes** (required) • AP - Intent to Approve • ID - Intent to Deny		No	Subsequent
PC237	Public Hearing/Public Meeting **Status Codes** (required) • PH - Formal Public Hearing • PM - Public Meeting		No	Subsequent
PC240	Modification Approved		No	Subsequent

	Status Codes (required) • AU - Additional Unit • CA - Corrective Action Modification • GW - Groundwater Monitoring Modification • OH - Other Modification • RW - Request Withdrawn			
PC245	Modification Denied		No	Subsequent
PC362	Post-Closure Plan Modification Request Received		No	Subsequent
PC364	Post-Closure Plan Modification Determination - Approved		No	Subsequent
PC366	Post-Closure Plan Modification Determination - Denied		No	Subsequent

POST-CLOSURE - ALTERNATIVE AUTHORITY

Code	Name	Additional Information	Nationally-Required
PC300	Post-Closure Enforceable Document Effective **Status Codes** (required) • PR - PC Rule Permit Equivalent Requirements in Place • GW - Groundwater Requirements in Place • PC - Post-Closure Requirements in Place • OT - Other	**PR** - Use this code when there are post-closure rule permit equivalent requirements in place under an enforceable document that meet requirement of the post-closure rule. This rule was promulgated October 22, 1998 (formally titled "Standards Applicable to Owners and Operators of Closed and Closing Hazardous Waste Management Facilities Post-Closure Permit Requirement and Closure Process"). Enter the effective date of an enforceable document that was issued in lieu of post-closure permit under the authority of 270.1(c). The date should be when it was effective to implement requirements equivalent to a post-closure permit at a facility that has never received a	Yes

		RCRA permit. Those requirements are: (1) applicable requirements of Part 265, including requirements for post-closure care; (2) requirements of Part 264.91 through 264.100; and (3) requirements for facility-wide corrective action in Part 264.101. The enforceable document is defined at 270.1(c)(7) and means an order, a plan, or other document issued by EPA or by an authorized state under an authority that meets the requirements of 271.16(e). **GW** - Use this code when groundwater requirements are in place under an enforceable document which implements requirements of 264.91 through 264.100 at the regulated unit. Enter the effective date of an enforceable document that implements requirements of 264.91 through 264.100 at the regulated unit. Use GW if the regulated unit does NOT also meet PR definition at the time of data entry. **PC** - Use this code when post-closure requirements are in place under an enforceable document. Enter the effective date of an enforceable document that implements Subpart G post-closure requirements at the regulated unit. The effective date could be the date of issuance of a post-closure plan, or another document imposing equivalent requirements. Use PC if the regulated unit does NOT also meet PR definition at the time of data entry.	
PC310	Post-Closure Plan Received	The receipt by the EPA or State of a post-closure plan provided by the regulated facility.	Yes
PC320	Post-Closure Plan Notice of Deficiency		No
PC330	Post-Closure Plan Revisions Received		No
PC340	Post Closure Plan Public Notice		No
PC350	Public Hearing/Public Meeting **Status Codes** (not required) • PH - Formal Public Hearing • PM - Public Meeting		No
PC360	Post-Closure Plan Approved		No

	Status Codes (required) • ME - Final Post-Closure • MO - Partial Post-Closure		
PC370	Post-Closure Certification Received	The receipt of a certification by the owner or operator that the post-closure care period for one or more hazardous waste disposal units was performed in accordance with the specifications in the approved post-closure plan. The certification must be signed by the owner or operator and an independent registered professional engineer (40 CFR 264/265.120).	Yes
PC380	Post-Closure Verification **Status Codes** (required) • DA - Post-Closure is Acceptable • DU - Post-Closure is Unacceptable		Yes
PC403	Application Reviewed for Completeness **Status Codes** (required) • CO - Application is Complete • IN - Application is Incomplete		No
PC414	Facility Released From Post-Closure Financial Assurance Requirement		No

RD&D PERMITS - GENERAL

Code	Name	Additional Information	Nationally-Required
RD010	Part B Call In		No
RD020	Part B Received **Status Codes** (not required)		No

	• RC - Renewal Referencing Original Part B with Updates • RN - Renewal Application Received		
RD025	Confidentiality **Status Codes** (required) • CR - Confidentiality Requested • CS - Confidentiality Substantiated • CU - Confidentiality Unsubstantiated		No
RD066	Trial Burn Plan Received		No
RD058	Trial Burn Plan Notice of Deficiency		No
RD070	Trial Burn Plan Approved		No
RD080	Trial Burn Conducted		No
RD090	Trial Burn Results Received		No
RD092	Trial Burn Results Review Completed		No
RD100	Notice of Deficiency		No
RD110	Revisions Received		No
RD150	Determined to be Complete - Technically Adequate		No
RD160	Public Notice **Status Codes** (required) • DP - Draft Permit • ID - Intent to Deny		No
RD170	Public Hearing/Public Meeting **Status Codes** (required) • PH - Formal Public Hearing • PM - Public Meeting		No
RD180	Received Withdrawal		No

	Request		
RD190	Withdrawal Request Determination **Status Codes** (required) • AR - Approved Request • DR - Denied Request		No
RD200	Final Determination **Status Codes** (required) • PD - Permit Denied • PI - RCRA Permit Issued, HSWA Not Applicable		No
RD205	Final Permit Effective		No
RD210	Determination Appealed		No
RD220	Appeal Settled		No
RD230	Modification Requested **Status Codes** (required) • AC - Additional Capacity • AP - Additional Process • GW - Groundwater Monitoring Modification • OH - Other Modification		No
RD232	Modification Notice of Deficiency		No
RD233	Revised Permit Modification Received		No
RD235	Permit Modification Determined Complete and Technically Adequate		No
RD236	Permit Modification Public Notice		No
RD237	Permit Modification Public Hearing		No
RD240	Modification Approved		No

	Status Codes (required) • GW - Groundwater Monitoring Modification • OH - Other Modification • RW - Request Withdrawn		
RD245	Modification Denied		No
RD260	Permit Termination		No
RD270	Permit Expires		No
RD385	Facility Released From Financial Assurance Requirements		No

NATIONALLY-DEFINED VALUES - LEGAL AND OPERATING STATUS

Code	Description
DLBC	Delisted - Before Construction
DLCC	Delisted - Clean Closed
DLCL	Delisted - Closed By Changing Process To Less Than 90-Day Storage
DLCN	Delisted - Constructed, Not Yet Managing Hazardous Waste
DLCR	Delisted - Conducting Activities Not Requiring A Permit
DLCV	Delisted - Converted But Not RCRA Closed
DLPF	Delisted - Protective Filer
DLSF	Delisted - Referred To CERCLA
DLUC	Delisted - Under Construction
EMAB	Emergency Permit - Abandoned
EMBC	Emergency Permit - Before Construction
EMCC	Emergency Permit - Clean Closed
EMCL	Emergency Permit - Closed By Changing Process To Less Than 90-Day Storage
EMCN	Emergency Permit - Constructed, Not Yet Managing Hazardous Waste
EMCP	Emergency Permit - Closed With Waste In Place
EMCV	Emergency Permit - Converted But Not RCRA Closed
EMDC	Emergency Permit - Delay Of Closure
EMIN	Emergency Permit - Inactive/Closing, But Not Yet RCRA Closed
EMOP	Emergency Permit - Operating, Actively Managing RCRA-Regulated Waste
EMSF	Emergency Permit - Referred To CERCLA
EMUC	Emergency Permit - Under Construction
ISAB	Interim Status - Abandoned
ISAE	Interim Status - Under Alternate Enforceable Doc For Pc Care
ISBC	Interim Status - Before Construction
ISCA	Interim Status - Referred To Corrective Action For Closure
ISCC	Interim Status - Clean Closed
ISCL	Interim Status - Closed By Changing Process To Less Than 90-Day Storage
ISCN	Interim Status - Constructed, Not Yet Managing Hazardous Waste
ISCO	Interim Status - Completed Post-Closure Care
ISCP	Interim Status - Closed With Waste In Place
ISCV	Interim Status - Converted But Not RCRA Closed
ISDC	Interim Status - Delay Of Closure
ISIN	Interim Status - Inactive/Closing, But Not Yet RCRA Closed
ISOP	Interim Status - Operating, Actively Managing RCRA-Regulated Waste
ISPF	Interim Status - Protective Filer
ISSF	Interim Status - Referred To CERCLA
ISUC	Interim Status - Under Construction
ITAB	Interim Status Terminated - Abandoned

ITAE	Interim Status Terminated - Under Alternate Enforceable Doc For Pc Care
ITBC	Interim Status Terminated - Before Construction
ITCA	Interim Status Terminated - Referred To Corrective Action For Closure
ITCC	Interim Status Terminated - Clean Closed
ITCL	Interim Status Terminated - Closed By Changing Process To Less Than 90-Day Storage
ITCN	Interim Status Terminated - Constructed, Not Yet Managing Hazardous Waste
ITCO	Interim Status Terminated - Completed Post-Closure Care
ITCP	Interim Status Terminated - Closed With Waste In Place
ITCV	Interim Status Terminated - Converted But Not RCRA Closed
ITDC	Interim Status Terminated - Delay Of Closure
ITIN	Interim Status Terminated - Inactive/Closing, But Not Yet RCRA Closed
ITOP	Interim Status Terminated - Operating, Actively Managing RCRA-Regulated Waste
ITPF	Interim Status Terminated - Protective Filer
ITSF	Interim Status Terminated - Referred To CERCLA
ITUC	Interim Status Terminated - Under Construction
LIAB	Loss Of Interim Status - Abandoned
LIAE	Loss Of Interim Status - Under Alternate Enforceable Doc For Pc Care
LIBC	Loss Of Interim Status - Before Construction
LICA	Loss Of Interim Status - Referred To Corrective Action For Closure
LICC	Loss Of Interim Status - Clean Closed
LICL	Loss Of Interim Status - Closed By Changing Process To Less Than 90-Day Storage
LICN	Loss Of Interim Status - Constructed, Not Yet Managing Hazardous Waste
LICO	Loss Of Interim Status - Completed Post-Closure Care
LICP	Loss Of Interim Status - Closed With Waste In Place
LICV	Loss Of Interim Status - Converted But Not RCRA Closed
LIDC	Loss Of Interim Status - Delay Of Closure
LIIN	Loss Of Interim Status - Inactive/Closing, But Not Yet RCRA Closed
LIOP	Loss Of Interim Status - Operating, Actively Managing RCRA-Regulated Waste
LIPF	Loss Of Interim Status - Protective Filer
LISF	Loss Of Interim Status - Referred To CERCLA
LIUC	Loss Of Interim Status - Under Construction
LPAB	Loss Of Pre-Mod Authorization - Abandoned
LPBC	Loss Of Pre-Mod Authorization - Before Construction
LPCA	Loss Of Pre-Mod Authorization - Referred To Corrective Action For Closure
LPCC	Loss Of Pre-Mod Authorization - Clean Closed
LPCL	Loss Of Pre-Mod Authorization - Closed By Changing Process To Less Than 90-Day Storage
LPCN	Loss Of Pre-Mod Authorization - Constructed, Not Yet Managing Hazardous Waste
LPCO	Loss Of Pre-Mod Authorization - Completed Post-Closure Care
LPCP	Loss Of Pre-Mod Authorization - Closed With Waste In Place
LPCV	Loss Of Pre-Mod Authorization - Converted But Not RCRA Closed
LPDC	Loss Of Pre-Mod Authorization - Delay Of Closure
LPIN	Loss Of Pre-Mod Authorization - Inactive/Closing, But Not Yet RCRA Closed
LPOP	Loss Of Pre-Mod Authorization - Operating, Actively Managing RCRA-Regulated Waste

LPPF	Loss Of Pre-Mod Authorization - Protective Filer
LPSF	Loss Of Pre-Mod Authorization - Referred To CERCLA
LPUC	Loss Of Pre-Mod Authorization - Under Construction
NNAB	Non-Notifier/Illegal - Abandoned
NNAE	Non-Notifier/Illegal - Under Alternate Enforceable Doc For Pc Care
NNCA	Non-Notifier/Illegal - Referred To Corrective Action For Closure
NNCC	Non-Notifier/Illegal - Clean Closed
NNCL	Non-Notifier/Illegal - Closed By Changing Process To Less Than 90-Day Storage
NNCN	Non-Notifier/Illegal - Constructed, Not Yet Managing Hazardous Waste
NNCO	Non-Notifier/Illegal - Completed Post-Closure Care
NNCP	Non-Notifier/Illegal - Closed With Waste In Place
NNCV	Non-Notifier/Illegal - Converted But Not RCRA Closed
NNDC	Non-Notifier/Illegal - Delay Of Closure
NNIN	Non-Notifier/Illegal - Inactive/Closing, But Not Yet RCRA Closed
NNOP	Non-Notifier/Illegal - Operating, Actively Managing RCRA-Regulated Waste
NNSF	Non-Notifier/Illegal - Referred To CERCLA
NNUC	Non-Notifier/Illegal - Under Construction
NRAE	Never Regulated As A Tsd - Under Alternate Enforceable Doc For Pc Care
NRBC	Never Regulated As A Tsd - Before Construction
NRCL	Never Regulated As A Tsd - Closed By Changing Process To Less Than 90-Day Storage
NRCR	Never Regulated As A Tsd - Conducting Activities Not Requiring A Permit
NRPF	Never Regulated As A Tsd - Protective Filer
NRSF	Never Regulated As A Tsd - Referred To CERCLA
PCAB	Post-Closure Permitted - Abandoned
PCAE	Post-Closure Permitted - Under Alternate Enforceable Doc For Pc Care
PCCA	Post-Closure Permitted - Referred To Corrective Action For Closure
PCCC	Post-Closure Permitted - Clean Closed
PCCL	Post-Closure Permitted - Closed By Changing Process To Less Than 90-Day Storage
PCCO	Post-Closure Permitted - Completed Post-Closure Care
PCCP	Post-Closure Permitted - Closed With Waste In Place
PCDC	Post-Closure Permitted - Delay Of Closure
PCIN	Post-Closure Permitted - Inactive/Closing, But Not Yet RCRA Closed
PCSF	Post-Closure Permitted - Referred To CERCLA
PIAB	Permitted - Abandoned
PIAE	Permitted - Under Alternate Enforceable Doc For Pc Care
PIBC	Permitted - Before Construction
PICA	Permitted - Referred To Corrective Action For Closure
PICC	Permitted - Clean Closed
PICL	Permitted - Closed By Changing Process To Less Than 90-Day Storage
PICN	Permitted - Constructed, Not Yet Managing Hazardous Waste
PICO	Permitted - Completed Post-Closure Care
PICP	Permitted - Closed With Waste In Place
PICV	Permitted - Converted But Not RCRA Closed

PIDC	Permitted - Delay Of Closure
PIIN	Permitted - Inactive/Closing, But Not Yet RCRA Closed
PIOP	Permitted - Operating, Actively Managing RCRA-Regulated Waste
PISF	Permitted - Referred To CERCLA
PIUC	Permitted - Under Construction
PMAB	Pre-Mod Authorization - Abandoned
PMBC	Pre-Mod Authorization - Before Construction
PMCA	Pre-Mod Authorization - Referred To Corrective Action For Closure
PMCC	Pre-Mod Authorization - Clean Closed
PMCL	Pre-Mod Authorization - Closed By Changing Process To Less Than 90-Day Storage
PMCN	Pre-Mod Authorization - Constructed, Not Yet Managing Hazardous Waste
PMCO	Pre-Mod Authorization - Completed Post-Closure Care
PMCP	Pre-Mod Authorization - Closed With Waste In Place
PMCV	Pre-Mod Authorization - Converted But Not RCRA Closed
PMDC	Pre-Mod Authorization - Delay Of Closure
PMIN	Pre-Mod Authorization - Inactive/Closing, But Not Yet RCRA Closed
PMOP	Pre-Mod Authorization - Operating, Actively Managing RCRA-Regulated Waste
PMPF	Pre-Mod Authorization - Protective Filer
PMSF	Pre-Mod Authorization - Referred To CERCLA
PMUC	Pre-Mod Authorization - Under Construction
PRBC	Proposed - Before Construction
PRCL	Proposed - Closed By Changing Process To Less Than 90-Day Storage
PRCN	Proposed - Constructed, Not Yet Managing Hazardous Waste
PRCR	Proposed - Conducting Activities Not Requiring A Permit
PROP	Proposed - Operating, Actively Managing RCRA-Regulated Waste
PRPF	Proposed - Protective Filer
PRUC	Proposed - Under Construction
PTAB	Permit Terminated/Permit Expired, Not Continued - Abandoned
PTAE	Permit Terminated/Permit Expired, Not Continued - Under Alternate Enforceable Doc For Pc Care
PTBC	Permit Terminated/Permit Expired, Not Continued - Before Construction
PTCA	Permit Terminated/Permit Expired, Not Continued - Referred To Corrective Action For Closure
PTCC	Permit Terminated/Permit Expired, Not Continued - Clean Closed
PTCL	Permit Terminated/Permit Expired, Not Continued - Closed By Changing Process To < 90-Day Storage
PTCN	Permit Terminated/Permit Expired, Not Continued - Constructed, Not Yet Managing Hazardous Waste
PTCO	Permit Terminated/Permit Expired, Not Continued - Completed Post-Closure Care
PTCP	Permit Terminated/Permit Expired, Not Continued - Closed With Waste In Place
PTCR	Permit Terminated/Permit Expired, Not Continued - Conducting Activities Not Requiring A Permit
PTCV	Permit Terminated/Permit Expired, Not Continued - Converted But Not RCRA Closed
PTDC	Permit Terminated/Permit Expired, Not Continued - Delay Of Closure
PTIN	Permit Terminated/Permit Expired, Not Continued - Inactive/Closing, But Not Yet RCRA Closed
PTOP	Permit Terminated/Permit Expired, Not Continued - Operating, Actively Managing RCRA-

	Regulated Waste
PTSF	Permit Terminated/Permit Expired, Not Continued - Referred To CERCLA
PTUC	Permit Terminated/Permit Expired, Not Continued - Under Construction
RDAB	Research, Development, And Demonstration Permit - Abandoned
RDBC	Research, Development, And Demonstration Permit - Before Construction
RDCA	Research, Development, And Demonstration Permit - Referred To Corrective Action For Closure
RDCC	Research, Development, And Demonstration Permit - Clean Closed
RDCL	Research, Development, And Demonstration Permit - Closed By Changing Process To < 90-Day Storage
RDCN	Research, Development, And Demonstration Permit - Constructed, Not Yet Managing Hazardous Waste
RDCP	Research, Development, And Demonstration Permit - Closed With Waste In Place
RDCV	Research, Development, And Demonstration Permit - Converted But Not RCRA Closed
RDDC	Research, Development, And Demonstration Permit - Delay Of Closure
RDIN	Research, Development, And Demonstration Permit - Inactive/Closing, But Not Yet RCRA Closed
RDOP	Research, Development, And Demonstration Permit - Operating, Actively Managing RCRA-Regulated Waste
RDSF	Research, Development, And Demonstration Permit - Referred To CERCLA
RDUC	Research, Development, And Demonstration Permit - Under Construction
RPAB	Remedial Action Plan - Abandoned
RPBC	Remedial Action Plan - Before Construction
RPCA	Remedial Action Plan - Referred To Corrective Action For Closure
RPCC	Remedial Action Plan - Clean Closed
RPCL	Remedial Action Plan - Closed By Changing Process To Less Than 90-Day Storage
RPCN	Remedial Action Plan - Constructed, Not Yet Managing Hazardous Waste
RPCO	Remedial Action Plan - Completed Post-Closure Care
RPCP	Remedial Action Plan - Closed With Waste In Place
RPDC	Remedial Action Plan - Delay Of Closure
RPIN	Remedial Action Plan - Inactive/Closing, But Not Yet RCRA Closed
RPOP	Remedial Action Plan - Operating, Actively Managing RCRA-Regulated Waste
RPSF	Remedial Action Plan - Referred To CERCLA
RPUC	Remedial Action Plan - Under Construction
RQBC	Requested But Not Approved - Before Construction
RQCL	Requested But Not Approved - Closed By Changing Process To Less Than 90-Day Storage
RQCN	Requested But Not Approved - Constructed, Not Yet Managing Hazardous Waste
RQOP	Requested But Not Approved - Operating, Actively Managing RCRA-Regulated Waste
RQUC	Requested But Not Approved - Under Construction
RUAB	Permit-By-Rule - Abandoned
RUBC	Permit-By-Rule - Before Construction
RUCA	Permit-By-Rule - Referred To Corrective Action For Closure
RUCC	Permit-By-Rule - Clean Closed
RUCL	Permit-By-Rule - Closed By Changing Process To Less Than 90-Day Storage
RUCN	Permit-By-Rule - Constructed, Not Yet Managing Hazardous Waste

RUCO	Permit-By-Rule - Completed Post-Closure Care
RUCP	Permit-By-Rule - Closed With Waste In Place
RUCR	Permit-By-Rule - Conducting Activities Not Requiring A Permit
RUCV	Permit-By-Rule - Converted But Not RCRA Closed
RUDC	Permit-By-Rule - Delay Of Closure
RUIN	Permit-By-Rule - Inactive/Closing, But Not Yet RCRA Closed
RUOP	Permit-By-Rule - Operating, Actively Managing RCRA-Regulated Waste
RUPF	Permit-By-Rule - Protective Filer
RUSF	Permit-By-Rule - Referred To CERCLA
RUUC	Permit-By-Rule - Under Construction
SRAB	State Regulated - Abandoned
SRAE	State Regulated - Under Alternate Enforceable Doc For Pc Care
SRBC	State Regulated - Before Construction
SRCA	State Regulated - Referred To Corrective Action For Closure
SRCC	State Regulated - Clean Closed
SRCL	State Regulated - Closed By Changing Process To Less Than 90-Day Storage
SRCN	State Regulated - Constructed, Not Yet Managing Hazardous Waste
SRCO	State Regulated - Completed Post-Closure Care
SRCP	State Regulated - Closed With Waste In Place
SRCR	State Regulated - Conducting Activities Not Requiring A Permit
SRCV	State Regulated - Converted But Not RCRA Closed
SRDC	State Regulated - Delay Of Closure
SRIN	State Regulated - Inactive/Closing, But Not Yet RCRA Closed
SROP	State Regulated - Operating, Actively Managing RCRA-Regulated Waste
SRPF	State Regulated - Protective Filer
SRSF	State Regulated - Referred To CERCLA
SRUC	State Regulated - Under Construction
TAAB	Temporary Authorization - Abandoned
TABC	Temporary Authorization - Before Construction
TACA	Temporary Authorization - Referred To Corrective Action For Closure
TACC	Temporary Authorization - Clean Closed
TACL	Temporary Authorization - Closed By Changing Process To Less Than 90-Day Storage
TACN	Temporary Authorization - Constructed, Not Yet Managing Hazardous Waste
TADC	Temporary Authorization - Delay Of Closure
TAIN	Temporary Authorization - Inactive/Closing, But Not Yet RCRA Closed
TAOP	Temporary Authorization - Operating, Actively Managing RCRA-Regulated Waste
TASF	Temporary Authorization - Referred To CERCLA
TAUC	Temporary Authorization - Under Construction
TRCL	Transfer Of Ownership - Closed By Changing Process To Less Than 90-Day Storage
TRNE	Transfer Of Ownership - Newly Transferred
TRNO	Transfer Of Ownership - No Longer Regulated

NATIONALLY-DEFINED VALUES - LEGAL STATUS

Code	Name	Additional Information
DL	Delisted	Use DL to designate units that have been delisted, or units at which all hazardous waste ever handled by the unit has been delisted.
EM	Emergency Permit	Use EM for units regulated by the provisions for emergency permits under section 270.61. An EM unit should remain in that legal status throughout the life of the unit, including closure.
IS	Interim Status	Use IS to designate units that gain interim status under the provisions of section 270.70. A unit that complies with those provisions is presumed to gain interim status upon receipt of the Part A. If an IS unit later is found not to have qualified for interim status, it would be designated NN if it operated without authority, or NR if it did not operate. If interim status is later terminated under section 270.73(a) or (b), the unit would be designated IT. If the unit loses interim status under the provisions of section 270.73(c), it would be designated LI. If a permit is issued to an IS unit, it would be designated PI or PC. Although IS processes/units will initially be unverified, subsequent verification should be tracked by entry of a Part A Determination event record (XX002) or the appropriate modification event record. Do not remove the IS legal status, however, until a formal decision is made that the unit did not qualify, and there has been formal notification of the company.
IT	Interim Status Terminated	Use IT to designate units that have had interim status terminated under section 270.73(a) or (b). For example: An interim status unit for which a permit was denied for any reason including failure to submit a Part B in a timely manner or failure to submit a complete permit application.
LI	Loss of Interim Status	Use LI to designate units that have lost interim status for failure to comply with the requirements of section 270.73(c) through (g). Do not use LI when a permit is denied. When a final permit determination is made to deny a RCRA permit to a unit with interim status, the unit should be designated IT.
LP	Loss of Pre-Mod Authorization	Use LP for loss of pre-mod authorization in cases where a unit with pre-mod authorization (PM) failed to comply with the appropriate requirements of section 270.42(g) for newly regulated units. For example: Failure to submit a permit modification application within regulatory time frames; or Failure to establish a groundwater monitoring system for a land disposal unit.
NN	Non-notifier/illegal	Use NN to designate units that have operated illegally. For example: Units discovered to be operating without interim status, pre-mod authorization, or a permit; or Units that applied for interim status or pre-mod authorization and failed to qualify, but operated. NN should be used in these cases whether the unit is shut down or allowed to continue to operate under an order or interim status compliance letter. A unit with a legal status of NN should be assigned an operating status of OP if: The unit is allowed to continue to operate;, or The unit temporarily ceases to

		operate while seeking an operating permit but there is no intent to close the unit. A unit with a legal status of NN should be assigned an operating status of IN if the unit will close
NR	Never Regulated as a TSD	Use NR to designate the following: Protective filers, or processes which were filed in error; Proposed new units that are withdrawn prior to permit issuance; or Where a Part A was submitted to obtain interim status or pre-mod authorization, the unit was found to be ineligible, but the unit never operated as a TSD (e.g., less-than-90-day-storage units, exempt recycling units, units which never managed hazardous waste, and units that never existed).
PC	Post-Closure Permitted	Use PC to designate a unit for which a post-closure permit has been issued. When a permit is issued during closure of the unit, the PC legal status should be used for units closing with waste in place, and PI used for units that will clean close. In the event that a PI unit attempts but is unable to achieve clean closure, a new unit record should be created with a legal status of PC when such determination is made.
PI	Permitted	Use PI when an operating permit has been issued to a unit. The legal status of the unit should remain PI until: The permit expires and is not renewed or the permit is terminated (create a new record and use PT); or The permit is modified to address only post-closure care or a post-closure permit is issued to a unit that is closing or has closed with waste in place (create a new record and use PC). PI should not be used when a permit is denied. The legal status of a unit prior to permit denial will determine its legal status following. For example: An IS unit will become IT since permit denial terminates interim status; An NN unit will remain an NN;. A PR unit will be designated NR since it never operated and was never subject to RCRA requirements; An LI, LP, or IT unit retains that status following permit denial. PI should not be used when a permit is issued during or following closure of a unit that is closing with waste in place (use PC). In addition, PI should not include units for which the only permit activities are RD&D permits (RD), permits-by-rule (RU), emergency permits (EM), or other state permits (SR).
PM	Pre-Mod Authorization	Use PM to designate newly-regulated units at permitted facilities that are authorized to operate under section 270.42(g) while a permit modification application is pending. For example: A previously unregulated unit at a permitted facility that becomes regulated as a hazardous waste unit due to a new waste listing. If a PM unit later is found not to have qualified for pre-mod authorization, it should be designated NN if it operated without authority, or NR if it did not operate.
PR	Proposed	Use PR to designate a "new" unit for which the owner/operator is pursuing an operating permit where: The unit is not constructed; or The unit has never been eligible for interim status or pre-mod authorization, and has never operated illegally. Use PR to designate units intended to replace similar units that were previously operated and clean closed, but require an operating permit before legal operation can be resumed. Use PR to designate new units that are being added to a facility as a change in interim status under the provisions of section 270.72(a).

PT	Permit Terminated/Permit Expired, Not Continued	Use PT to designate units for which an operating (PI) or post-closure (PC) permit has been terminated under the authority of section 270.43, and units with permits that expire and are not continued in accordance with section 270.51. Permitted units for which the permit is renewed should retain the PI or PC legal status.
RD	Research, Development, and Demonstration Permit	Use RD for units regulated by the provisions for RD&D permits under section 270.65. An RD unit should remain in that legal status throughout the life of the unit (i.e., from application through closure).
RP	Remedial Action Plan	Use RP for units that have remedial action plan permits.
RQ	Requested but Not Approved	Use RQ as a transitional status code for tracking the following requests: Increases in capacity of existing interim status units (section 270.72[a][2]) or changes in the process (section 270.72[a][3]); Additional capacity at permitted units; Requests for temporary authorization. RQ should not be used to designate a previously unregulated unit that becomes a newly regulated hazardous waste unit due to a new waste listing (use IS or PM). RQ should not be used to designate new units added as a change in interim status under section 270.72(a) (use PR). For increases in design capacity or changes in an existing process, the revised process information should be entered into the appropriate fields (or into the comment field, if existing process information is not affected). If or when the requested change is approved and the modification takes effect, a subsequent process segment record should be created with the new information and the applicable legal status code (which is likely to be the same as the status before the change was requested).
RU	Permit-by-Rule	Use RU for units at which the only activities subject to RCRA permit requirements are processes regulated under section 270.60. An RU unit should remain in that legal status throughout the life of the unit, including closure. Examples: Ocean dumping (process code D82); UIC wells (D79); Publicly-owned treatment works that receive RCRA-regulated hazardous waste.
SR	State Regulated	Use SR to designate units that are regulated only under broader or more stringent State standards, and are not subject to RCRA permit requirements.
TA	Temporary Authorization	Use TA to designate a new unit that has received temporary authorization under the authority of section 270.42(3) for installation and operation at a permitted facility. Do not use TA to designate a permitted unit (PI) that has received a temporary authorization to modify its operations (that unit remains PI). Upon expiration of the temporary authorization, or if a permit is denied to a TA unit, use PT. If a permit is denied to a TA unit, use PT.
TR	Transfer of Ownership	Use TR to designate the transfer of ownership of a unit. This designation should be used for the facility that the unit is being transferred from and for the facility that the unit is being transferred to.

NATIONALLY-DEFINED VALUES - OPERATING STATUS

Code	Name	Additional Information
AB	Abandoned	Use AB for units at which the owner or operator is unwilling/unable to accept legal responsibility to close the unit. Use AB regardless of whether the unit is being addressed under a non-RCRA authority except: Do not use AB if an abandoned unit has been referred to CERCLA for cleanup (use SF).
AE	Under Alternate Enforceable Document for Post-Closure Care	Use AE for units that are closed with waste in place or cannot attain clean closure, as verified by the lead regulatory agency. An approved post-closure plan, or similar enforceable document (such as a consent order), covering post-closure care obligations is in place.
BC	Before Construction	Use BC for proposed "new" units for which Parts A and B of the permit application have been received. In most cases BC represents the "grassy field" scenario where no ground has been broken. Units should maintain this status until an operating permit has been issued and construction has physically begun (at which time operating status code UC should be used), or until the permit is denied (at which time the unit would be designated NR/BC).
CA	Referred to Corrective Action for Closure/Post-Closure	Use CA to designate regulated units for which closure/post-closure requirements have been replaced by site-specific requirements developed for corrective action under the authority of section 264.110(c) or 265.110(d). One of the components of the rule promulgated October 22, 1998 entitled Standards Applicable to Owners and Operators of Closed and Closing Hazardous Waste Management Facilities: Post-Closure Permit Requirement and Closure Process allows EPA to replace the closure and groundwater requirements at certain hazardous waste units with similar, site-specific requirements developed through the corrective action process. This flexibility is available under the following conditions: 1) When a hazardous waste unit is situated among SWMUs (or areas of concern), a release has occurred, and both the unit and the SWMU(s) are likely contributors to the release; 2)- When EPA determines that applying the hazardous waste closure and groundwater monitoring requirements for post-closure care is not necessary because the cleanup remedy developed through the corrective action process is deemed protective; 3)When the remedy selected will satisfy the RCRA closure performance standard.
CC	Clean Closed	Use CC to designate a unit that has completed clean closure. Closure is completed when all closure activities have occurred, and closure has been verified. This usually includes closure certification (sections 264.115 and 265.115), inspection of the unit to verify that the closure was conducted in accordance with the approved closure plan, and release of the owner or operator from financial assurance (sections 264.143[i] and 265.143[h]). IN rather than CC should be used from the period starting with receipt of the final volume of hazardous waste and ending with

		closure completion. If a CC unit later fails an equivalency demonstration under section 270.1(c)(5), a new record should be created with an operating status of IN if the owner or operator will conduct further closure activities or CP if the unit will enter post-closure care.
CL	Closed By Changing Process To Less Than 90-Day Storage	Use CL to designate a unit that has closed by changing the process to less than 90-day storage. Documentation within the file should support this type of closure. This documentation should include a compliance/enforcement evaluation of the unit which would support that no further closure is necessary and that the unit is no longer subject to the TSDF regulations.
CN	Constructed, Not Yet Managing Hazardous Waste	Use CN for existing units that are entering the "RCRA process pipeline," but are not yet managing hazardous waste. For example: Newly-permitted units that have completed construction, but have not yet begun operation with hazardous waste; Units that have managed only non-RCRA waste, but are pursuing RCRA permits to manage hazardous waste; Units that are clean closed, and then upgraded to resume management of RCRA-regulated hazardous waste. CN should not be used to designate units that are handling newly listed wastes (use OP).
CO	Completed Post-Closure Care	Use CO to indicate that the post-closure care period at the unit has been completed.
CP	Closed With Waste in Place	Use CP to designate a unit that has completed closure with waste-in-place. Closure is completed when all closure activities have occurred, and closure has been verified. This usually includes closure certification (sections 264.115 and 265.115), inspection of the unit to verify that the closure was conducted in accordance with the approved closure plan, and release of the owner or operator from financial assurance (sections 264.143[i] and 265.143[h]).
CR	Conducting Activities not Requiring a Permit	Use CR to designate former TSD units that conduct only activities not subject to permitting. CR should be limited, however, to units that had no legal requirement to close. For example, use CR to designate units that have been delisted, or units that handled only waste that has been delisted. CR should not be used to designate units that converted to less than 90-day storage or non-hazardous waste activities but clean closed -- use CC for those units. CR also should not be used to designate protective filers (use PF).
CV	Converted but Not RCRA Closed	Use CV to designate units that converted to hazardous waste activities that do not require a permit (e.g., less than 90-day storage, totally enclosed treatment) but were required to clean close and did not. CV should not be used to designate units that clean closed and then converted to non-permit activities -- use CC for those units. CV should not be used to designate units that converted to non-permit activities but were not required to clean close (e.g., delisted units) -- use CR for those units.
DC	Delay of Closure	Use DC to designate landfill, land treatment, or surface impoundment units that have received the final volume of hazardous waste but, rather than begin closure, will continue to operate to receive non-hazardous waste under the authority of the "delay of closure" provisions of sections

		264.113(d) and (e) or 265.113(d) and (e).
IN	Inactive/Closing, but not yet RCRA Closed	Use IN to identify units that are subject to RCRA closure requirements, and have received the final volume of hazardous waste, but have not completed closure activities as required to be designated CC or CP. Units with a legal status of NN should be assigned an operating status of IN if the unit will close. IN should not be used to designate units that have received the final volume of hazardous waste but have not begun closure and are continuing to operate to receive non-hazardous waste under the delay of closure provisions of section 264.113(d) and (e) and 264.113(d) and (e) -- use DC for those units.
NE	Newly Transferred Ownership to this Site	Use NE to designate that the ownership of this unit is newly transferred to this site.
NO	No Longer Regulated at this Site	Use NO to designate that this unit is no longer regulated at this site.
OP	Operating, Actively Managing RCRA-Regulated Waste	Use OP to designate active units that are conducting hazardous waste management activities subject to permitting. OP should be used regardless of the current legal status of the unit. For example, OP should be used to designate units that are: Operating under interim status or pre-mod authorization; Operating under permits; Allowed to continue operation under enforcement orders, or interim status compliance letters; Under temporary suspension of hazardous waste activities pending decision to allow operation (e.g., awaiting permit issuance) where the intent is to operate, rather than close, the unit. A unit with a legal status of NN should be assigned an operating status of OP if: The unit is allowed to continue to operate; or The unit temporarily ceases to operate while seeking an operating permit but there is no intent to close the unit.
PF	Protective Filer	Use PF to designate units that were submitted on a Part A, but are not RCRA-regulated, or do not exist physically.
SF	Referred to CERCLA	Use SF to designate units (AB or other) that have been referred to CERCLA for cleanup.
UC	Under Construction	Use UC to designate a new unit that has received an operating permit and begun construction, but has not yet started managing hazardous waste, or a unit that is "under construction" as defined in the section 260.10 definition of "existing hazardous waste management facility."

NATIONALLY-DEFINED VALUES - PROCESS CODE

Code	Name	Corresponding Units of Measure
D79	Underground Injection Well Disposal	Gallons, Liters, Gallons Per Day, or Liters Per Day
D80	Landfill	Acre-Feet, Acres, Cubic Meters, Hectare-Meter, Hectares, or Cubic Yards
D81	Land Application	Acres, Cubic Meters, Hectares, or Cubic Yards
D82	Ocean Disposal	Gallons Per Day or Liters Per Day
D83	Surface Impoundment Disposal	Cubic Meters, Gallons, Liters, or Cubic Yards
D99	Other Disposal	Acre-Feet, Acres, Cubic Meters, Short Tons Per Hour, Gallons Per Hour, Hectare-Meter, Gallons, Liters Per Hour, BTU Per Hour, Pounds Per Hour, Liters, Short Tons Per Day, Hectares, Kilograms Per Hour, Metric Tons Per Day, Gallons Per Day, Liters Per Day, Metric Tons Per Hour, or Cubic Yards
S01	Container	Cubic Meters, Gallons, Liters, or Cubic Yards
S02	Tank Storage	Cubic Meters, Gallons, Liters, or Cubic Yards
S03	Waste Pile	Cubic Meters or Cubic Yards
S04	Surface Impoundment Storage	Cubic Meters, Gallons, Liters, or Cubic Yards
S05	Drip Pad	Acres, Cubic Meters, Gallons, Liters, Hectares, or Cubic Yards
S06	Containment Building - Storage	Cubic Meters or Cubic Yards
S99	Other Storage	Acre-Feet, Acres, Cubic Meters, Short Tons Per Hour, Gallons Per Hour, Hectare-Meter, Gallons, Liters Per Hour, BTU Per Hour, Pounds Per Hour, Liters, Short Tons Per Day, Hectares, Kilograms Per Hour, Metric Tons Per Day, Gallons Per Day, Liters Per Day, Metric Tons Per Hour, or Cubic Yards
SWM	Solid Waste Management Unit	SWM-specific
T01	Tank Treatment	Short Tons Per Hour, Gallons Per Hour, Liters Per Hour, Pounds Per Hour, Short Tons Per Day, Kilograms Per Hour, Metric Tons Per Day, Gallons Per Day, Liters Per Day, or Metric Tons Per Hour
T02	Surface Impoundment Treatment	Short Tons Per Hour, Gallons Per Hour, Liters Per Hour, Pounds Per Hour, Short Tons Per Day, Kilograms Per Hour, Metric Tons Per Day, Gallons Per Day, Liters Per Day, or Metric Tons Per Hour
T03	Incinerator	Short Tons Per Hour, Gallons Per Hour, Liters Per Hour, Pounds Per Hour, Short Tons Per Day, Kilograms Per Hour, Metric Tons Per Day, Gallons Per Day, Liters Per Day, or Metric Tons Per Hour
T04	Other Treatment	Acre-Feet, Short Tons Per Hour, Gallons Per Hour, Liters Per Hour, BTU Per Hour, Pounds Per Hour, Short Tons Per Day, Kilograms Per Hour, Metric Tons Per Day, Gallons Per Day, Liters Per Day, Metric Tons Per Hours, or Million BTU Per Hour
T80	Boiler	Gallons Per Hour, Gallons, Liters Per Hour, BTU Per Hour, Liters, or Million BTU Per Hour

T81	Cement Kiln	Short Tons Per Hour, Gallons Per Hour, Liters Per Hour, BTU Per Hour, Pounds Per Hour, Short Tons Per Day, Kilograms Per Hour, Metric Tons Per Day, Gallons Per Day, Liters Per Day, Metric Tons Per Hour, or Million BTU Per Hour
T82	Lime Kiln	Short Tons Per Hour, Gallons Per Hour, Liters Per Hour, BTU Per Hour, Pounds Per Hour, Short Tons Per Day, Kilograms Per Hour, Metric Tons Per Day, Gallons Per Day, Liters Per Day, Metric Tons Per Hour, or Million BTU Per Hour
T83	Aggregate Kiln	Short Tons Per Hour, Gallons Per Hour, Liters Per Hour, BTU Per Hour, Pounds Per Hour, Short Tons Per Day, Kilograms Per Hour, Metric Tons Per Day, Gallons Per Day, Liters Per Day, Metric Tons Per Hour, or Million BTU Per Hour
T84	Phosphate Kiln	Short Tons Per Hour, Gallons Per Hour, Liters Per Hour, BTU Per Hour, Pounds Per Hour, Short Tons Per Day, Kilograms Per Hour, Metric Tons Per Day, Gallons Per Day, Liters Per Day, Metric Tons Per Hour, or Million BTU Per Hour
T85	Coke Oven	Short Tons Per Hour, Gallons Per Hour, Liters Per Hour, BTU Per Hour, Pounds Per Hour, Short Tons Per Day, Kilograms Per Hour, Metric Tons Per Day, Gallons Per Day, Liters Per Day, Metric Tons Per Hour, or Million BTU Per Hour
T86	Blast Furnace	Short Tons Per Hour, Gallons Per Hour, Liters Per Hour, BTU Per Hour, Pounds Per Hour, Short Tons Per Day, Kilograms Per Hour, Metric Tons Per Day, Gallons Per Day, Liters Per Day, Metric Tons Per Hour, or Million BTU Per Hour
T87	Smelting, Melting, or Refining Furnace	Short Tons Per Hour, Gallons Per Hour, Liters Per Hour, BTU Per Hour, Pounds Per Hour, Short Tons Per Day, Kilograms Per Hour, Metric Tons Per Day, Gallons Per Day, Liters Per Day, Metric Tons Per Hour, or Million BTU Per Hour
T88	Titanium Dioxide Chloride Process Oxidation Reactor	Short Tons Per Hour, Gallons Per Hour, Liters Per Hour, BTU Per Hour, Pounds Per Hour, Short Tons Per Day, Kilograms Per Hour, Metric Tons Per Day, Gallons Per Day, Liters Per Day, Metric Tons Per Hour, or Million BTU Per Hour
T89	Methane Reforming Furnace	Short Tons Per Hour, Gallons Per Hour, Liters Per Hour, BTU Per Hour, Pounds Per Hour, Short Tons Per Day, Kilograms Per Hour, Metric Tons Per Day, Gallons Per Day, Liters Per Day, Metric Tons Per Hour, or Million BTU Per Hour
T90	Pulping Liquor Recovery Furnace	Short Tons Per Hour, Gallons Per Hour, Liters Per Hour, BTU Per Hour, Pounds Per Hour, Short Tons Per Day, Kilograms Per Hour, Metric Tons Per Day, Gallons Per Day, Liters Per Day, Metric Tons Per Hour, or Million BTU Per Hour
T91	Combustion Device Used in the Recovery of Sulfur Values from Spent Sulfuric Acid	Short Tons Per Hour, Gallons Per Hour, Liters Per Hour, BTU Per Hour, Pounds Per Hour, Short Tons Per Day, Kilograms Per Hour, Metric Tons Per Day, Gallons Per Day, Liters Per Day, Metric Tons Per Hour, or Million BTU Per Hour
T92	Halogen Acid Furnace	Short Tons Per Hour, Gallons Per Hour, Liters Per Hour, BTU Per Hour, Pounds Per Hour, Short Tons Per Day, Kilograms Per Hour, Metric Tons

		Per Day, Gallons Per Day, Liters Per Day, Metric Tons Per Hour, or Million BTU Per Hour
T93	Other Industrial Furnaces Listed in 40 CFR 260.10	Short Tons Per Hour, Gallons Per Hour, Liters Per Hour, BTU Per Hour, Pounds Per Hour, Short Tons Per Day, Kilograms Per Hour, Metric Tons Per Day, Gallons Per Day, Liters Per Day, Metric Tons Per Hour, or Million BTU Per Hour
T94	Containment Building - Treatment	Cubic Meters, Short Tons Per Hour, Gallons Per Hour, Liters Per Hour, BTU Per Hour, Pounds Per Hour, Short Tons Per Day, Kilograms Per Hour, Metric Tons Per Day, Gallons Per Day, Liters Per Day, Metric Tons Per Hour, Million BTU Per Hour, or Cubic Yards
TRN	Transporter	Gallons or Cubic Yards
X01	Open Burning/Open Detonation	Acre-Feet, Acres, Cubic Meters, Short Tons Per Hour, Gallons Per Hour, Hectare-Meter, Gallons, Liters Per Hour, BTU Per Hour, Pounds Per Hour, Liters, Short Tons Per Day, Hecatres, Kilograms Per Hour, Metric Tons Per Day, Gallons Per Day, Liters Per Day, Million BTU Per Hour, Metric Tons Per Hour, or Cubic Yards
X02	Mechanical Processing	Short Tons Per Hour, Gallons Per Hour, Liters Per Hour, Pounds Per Hour, Short Tons Per Day, Kilograms Per Hour, Metric Tons Per Day, Gallons Per Day, Liters Per day, or Metric Tons Per Hour
X03	Thermal Unit	Short Tons Per Hour, BTU Per Hour, Pounds Per Hour, Short Tons Per Day, Kilograms Per Hour, Metric Tons Per Day, Gallons Per Day, Liters Per Day, Metric Tons Per Hour, or Million BTU Per Hour
X04	Geologic Repository	Acre-Feet, Cubic Meters, Hectare-Meter, Gallons, LIters, or Cubic Yards
X99	Other Subpart X	Acre-Feet, Acres, Cubic Meters, Short Tons Per Hour, Gallons Per Hour, Hectare-Meter, Gallons, Liters Per Hour, BTU Per Hour, Pounds Per Hour, Liters, Short Tons Per Day, Hectares, Kilograms Per Hour, Metric Tons Per Day, Gallons Per Day, Liters Per Day, Metric Tons Per Hour, or Cubic Yards

NATIONALLY-DEFINED VALUES - RESPONSIBLE AGENCY

Code	Description
E	EPA
J	Joint with State Lead
P	Joint with EPA Lead
S	State

NATIONALLY-DEFINED VALUES - UNIT OF MEASURE

Code	Description
A	Acre-Feet
B	Acres
C	Cubic Meters
D	Short Tons Per Hour
E	Gallons Per Hour
F	Hectare-Meter
G	Gallons
H	Liters Per Hour
I	BTU Per Hour
J	Pounds Per Hour
L	Liters
N	Short Tons Per Day
Q	Hectares
R	Kilograms Per Hour
S	Metric Tons Per Day
U	Gallons Per Day
V	Liters Per Day
W	Metric Tons Per Hour
X	Million BTU Per Hour
Y	Cubic Yards
Z	SWM-Specific